



STIC Search Results Feedback Form

EIC 2600

Questions about the scope or the results of the search? Contact *the EIC searcher* or contact:

Pamela Reynolds, EIC 2600 Team Leader
306-0255, CPK2-3C03

Voluntary Results Feedback Form

➤ I am an examiner in Workgroup: Example: 2612

➤ Relevant prior art found, search results used as follows:

- ☐ 102 rejection
- ☐ 103 rejection
- ☐ Cited as being of interest.
- ☐ Helped examiner better understand the invention.
- ☐ Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- ☐ Foreign Patent(s)
- ☐ Non-Patent Literature
(journal articles, conference proceedings, new product announcements etc.)

➤ Relevant prior art not found:

- ☐ Results verified the lack of relevant prior art (helped determine patentability).
- ☐ Results were not useful in determining patentability or understanding the invention.

Comments:

Drop off or send completed forms to STIC/EIC 2600 CPK2-3C03





STIC Search Report **EIC 2600**

STIC Database Tracking Number: 135516

**TO: Scott Beliveau
Location: PK2-6C41
Art Unit : 2673
Thursday, January 06, 2005**

Case Serial Number: 09/741,916

**From: Samir Patel
Location: EIC 2600
PK2-3C03
Phone: 306-0254**

Samir.patel@uspto.gov

Search Notes

Dear Examiner

Please find attached the search results for 09/741,916. I have used the search strategy as per our discussion. I have searched the standard Dialog files, IBM TDBS, IEEE, Proquest and the internet.

If you would like a re-focus please let me know.

Thank you

Samir Patel

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name Scott BELIVET Examiner #: 79346 Date: 1/4/05
 Art Unit: 2614 Phone Number 305 4907 Serial Number: 09/741 916
 Location: PK2 Results Format Preferred (circle): PAPER DISK E-MAIL
GC41

If more than one search is submitted, please prioritize searches in order of need.

 Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the electe species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Conditional Access system for controlling the access to DTA cont.
 Inventors (please provide full names): see attached

Earliest Priority Filing Date: 12/22/1999

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Looking for an entitlement message (ECM/EMM) that specifies
 in "event NUMBER RANGE" of programs

TV
 VOD
 On Demand
 PPV
 Pay Per View
~~Internet~~ Video distribution
 Cable

Pre-Booking

STAFF USE ONLY

	Type of Search	Vendors and cost where applicable
Searcher: <u>Patel Samir</u>	Sequence (#) _____	STN _____
Searcher Phone #: <u>306-0254</u>	AA Sequence (#) _____	Dialog <u>V. 750\$</u>
Searcher Location: <u>PK2-308</u>	Structure (#) _____	Questel/Orbit _____
Date Searcher Picked Up: <u>8:30A.M/1/05</u>	Bibliographic _____	Dr.Link _____
Date Completed: <u>5:15P.M/1/05</u>	Litigation _____	Lexis/Nexis _____
Searcher Prep & Review Time: <u>210</u>	Fulltext _____	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet <u>IEEE, Proquest, google, Research</u>
Online Time: <u>180</u>	Other _____	Other (specify) <u>disclosure</u>

File 2:INSPEC 1969-2004/Dec W2
(c) 2004 Institution of Electrical Engineers
File 6:NTIS 1964-2004/Dec W4
(c) 2004 NTIS, Intl Cpyrght All Rights Res
File 8:EI Compendex(R) 1970-2005/Dec W4
(c) 2005 Elsevier Eng. Info. Inc.
File 34:SciSearch(R) Cited Ref Sci 1990-2005/Jan W1
(c) 2005 Inst for Sci Info
File 35:Dissertation Abs Online 1861-2004/Dec
(c) 2004 ProQuest Info&Learning
File 65:Inside Conferences 1993-2005/Jan W1
(c) 2005 BLDSC all rts. reserv.
File 94:JICST-EPlus 1985-2004/Nov W4
(c)2004 Japan Science and Tech Corp(JST)
File 95:TEME-Technology & Management 1989-2004/Jun W1
(c) 2004 FIZ TECHNIK
File 99:Wilson Appl. Sci & Tech Abs 1983-2004/Nov
(c) 2004 The HW Wilson Co.
File 144:Pascal 1973-2004/Dec W1
(c) 2004 INIST/CNRS
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group
File 603:Newspaper Abstracts 1984-1988
(c)2001 ProQuest Info&Learning
File 483:Newspaper Abs Daily 1986-2005/Jan 04
(c) 2005 ProQuest Info&Learning
File 248:PIRA 1975-2005/Dec W3
(c) 2005 Pira International

Set	Items	Description
S1	5567	ENTITLE()MENT OR ENTITLEMENT??
S2	15477	ENTITLEMENT(3N)MESSAGE?? OR ENTITLEMENT(3N)(CONTROL?? OR M-ANAGEMENT??)(3N)MESSAG?? OR ECM OR EMM
S3	76071	RANGE??(7N)(PREVIEW?? OR STORYLINE? OR PLOT?? OR STORY()LINE? OR TRAILER?? OR CLIP?? OR CLIPPING?? OR VIDEO?? OR PROGRAM?? OR MOVIE?? OR FILM?? OR EVENT??)
S4	112384	(SPECIFIC?? OR PARTICULAR?? OR SELECTED)(7N)(PREVIEW?? OR -STORYLINE? OR PLOT?? OR STORY()LINE? OR TRAILER?? OR CLIP?? OR CLIPPING?? OR VIDEO?? OR PROGRAM?? OR MOVIE?? OR FILM?? OR E-VENT??)
S5	59852	NUMBER??(5N)(PREVIEW?? OR STORYLINE? OR PLOT?? OR STORY()L-INE? OR TRAILER?? OR CLIP?? OR CLIPPING?? OR VIDEO?? OR PROGR-AM?? OR MOVIE?? OR FILM?? OR EVENT??)
S6	358891	TV OR WEBTV OR INTERNET()TV OR (WEB OR INTERNET??)(2N)(TV -OR TELEVISION?? OR TELE()VISION??) OR PC??()TV?? OR PCTV OR V-OD OR VIDEO(3N)DEMAND?? OR ONDEMAN?? OR ON()DEMAND??
S7	326563	PPV OR PAY()PER()VIEW?? OR PAYPER()VIEW?? OR PAY()PERVIEW?? OR CABLE?? OR CATV??OR VIDEO??(3N)(DITRIBUT???? OR DOWNLOAD?? OR DOWN()LOAD??)
S8	17	AU=(KAMPERMAN F? OR KAMPERMAN, F? OR VAN RIJNSOEVER B? OR -VAN RIJNOEVER, B? OR VAN-RIJNSOEVER B? OR VAN-RIJNOEVER, B? OR GOUDSMITS M? OR GOUDSMITS, M?)
S9	0	S2 AND S3 AND (S6 OR S7)
S10	0	S2 AND (S4 OR S5) AND (S6 OR S7)
S11	17	S2 AND S3
S12	14	RD (unique items)
S13	9	S12 NOT PY>1999
S14	0	S13 AND (S6 OR S7)
S15	5	S1 AND S3

S16	5	S15 NOT S12
S17	0	S16 AND (S6 OR S7)
S18	48	S2 AND S4
S19	0	S18 AND (S6 OR S7)
S20	50	S1 AND S4
S21	1	S20 AND (S6 OR S7)
S22	1	S21 NOT (S11 OR S15)
S23	13	S2 AND S5
S24	10	RD (unique items)
S25	6	S24 NOT PY>1999
S26	0	S25 AND (S6 OR S7)
S27	1	S25 NOT (EQUIVALENT(2N)CIRCUIT(2N)MODEL OR EXTRACELLULAR(2-N)MATRIX??)
S28	0	S27 NOT (S11 OR S15 OR S22)
S29	1	S8 AND (S1 OR S2)
S30	1	S29 NOT (S11 OR S15 OR S22)

21/3,K/1 (Item 1 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
(c) 2005 ProQuest Info&Learning. All rts. reserv.

06344508 SUPPLIER NUMBER: 69208843
**THE GO GUIDE: Answers to 6 frequently asked questions should shed some
light Travel 2001 Directory**

Bosonetto, Clara

Atlanta Journal the Atlanta Constitution, p K; 16

Mar 4, 2001

NEWSPAPER CODE: ATCJ

DOCUMENT TYPE: Column; Newspaper article

LANGUAGE: English RECORD TYPE: ABSTRACT

...ABSTRACT: schedules are unavoidable. Major airlines are under no federal requirement to provide customers with certain **entitlements** in these situations. It's up to you to know individual airline policy (check www...

...ll car/rail partners). Both permit you to fund a particular airline/hotel partner account **on demand**. But experts suggest that, for flexibility, you also carry a Visa or MasterCard affinity card that partners with a **particular** frequent flier or hotel guest **program**.

30/3,K/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2004 Institution of Electrical Engineers. All rts. reserv.

7832226 INSPEC Abstract Number: C2004-02-6130S-082

Title: Privacy in an identity-based DRM system

Author(s): Conrado, C.; **Kamperman, F.** ; Schrijen, G.J.; Jonker, W.

Author Affiliation: Philips Res., Eindhoven, Netherlands

Conference Title: Proceedings. 14th International Workshop on Database and Expert Systems Applications p.389-95

Publisher: IEEE Comput. Soc, Los Alamitos, CA, USA

Publication Date: 2003 Country of Publication: USA xxi+987 pp.

ISBN: 0 7695 1993 8 Material Identity Number: XX-2003-02957

U.S. Copyright Clearance Center Code: 0-7695-1993-8/03/\$17.00

Conference Title: Proceedings. 14th International Workshop on Database and Expert Systems Applications

Conference Date: 1-5 Sept. 2003 Conference Location: Prague, Czech Republic

Language: English

Subfile: C

Copyright 2004, IEE

Author(s): Conrado, C.; **Kamperman, F.** ; Schrijen, G.J.; Jonker, W.

...Abstract: deals with these issues and still allows the device to securely check the user's **entitlement** to the content.

File 9:Business & Industry(R) Jul/1994-2005/Jan 04
 (c) 2005 The Gale Group
 File 15:ABI/Inform(R) 1971-2005/Jan 05
 (c) 2005 ProQuest Info&Learning
 File 16:Gale Group PROMT(R) 1990-2005/Jan 05
 (c) 2005 The Gale Group
 File 20:Dialog Global Reporter 1997-2005/Jan 05
 (c) 2005 The Dialog Corp.
 File 47:Gale Group Magazine DB(TM) 1959-2005/Jan 04
 (c) 2005 The Gale group
 File 75:TGG Management Contents(R) 86-2004/Dec W1
 (c) 2004 The Gale Group
 File 80:TGG Aerospace/Def.Mkts(R) 1982-2005/Jan 05
 (c) 2005 The Gale Group
 File 88:Gale Group Business A.R.T.S. 1976-2005/Jan 03
 (c) 2005 The Gale Group
 File 98:General Sci Abs/Full-Text 1984-2004/Sep
 (c) 2004 The HW Wilson Co.
 File 112:UBM Industry News 1998-2004/Jan 27
 (c) 2004 United Business Media
 File 141:Readers Guide 1983-2004/Sep
 (c) 2004 The HW Wilson Co
 File 148:Gale Group Trade & Industry DB 1976-2005/Jan 05
 (c)2005 The Gale Group
 File 160:Gale Group PROMT(R) 1972-1989
 (c) 1999 The Gale Group
 File 275:Gale Group Computer DB(TM) 1983-2005/Jan 05
 (c) 2005 The Gale Group
 File 264:DIALOG Defense Newsletters 1989-2005/Jan 05
 (c) 2005 The Dialog Corp.
 File 484:Periodical Abs Plustext 1986-2005/Jan W1
 (c) 2005 ProQuest
 File 553:Wilson Bus. Abs. FullText 1982-2004/Sep
 (c) 2004 The HW Wilson Co
 File 570:Gale Group MARS(R) 1984-2005/Jan 05
 (c) 2005 The Gale Group
 File 608:KR/T Bus.News. 1992-2005/Jan 05
 (c)2005 Knight Ridder/Tribune Bus News
 File 620:EIU:Viewswire 2005/Jan 04
 (c) 2005 Economist Intelligence Unit
 File 613:PR Newswire 1999-2005/Jan 03
 (c) 2005 PR Newswire Association Inc
 File 621:Gale Group New Prod.Annou.(R) 1985-2005/Jan 05
 (c) 2005 The Gale Group
 File 623:Business Week 1985-2005/Jan 05
 (c) 2005 The McGraw-Hill Companies Inc
 File 624:McGraw-Hill Publications 1985-2005/Jan 05
 (c) 2005 McGraw-Hill Co. Inc
 File 634:San Jose Mercury Jun 1985-2004/Dec 31
 (c) 2005 San Jose Mercury News
 File 635:Business Dateline(R) 1985-2005/Jan 05
 (c) 2005 ProQuest Info&Learning
 File 636:Gale Group Newsletter DB(TM) 1987-2005/Jan 05
 (c) 2005 The Gale Group
 File 647:CMP Computer Fulltext 1988-2005/Dec W3
 (c) 2005 CMP Media, LLC
 File 696:DIALOG Telecom. Newsletters 1995-2005/Jan 04
 (c) 2005 The Dialog Corp.
 File 674:Computer News Fulltext 1989-2004/Dec W2
 (c) 2004 IDG Communications
 File 810:Business Wire 1986-1999/Feb 28

(c) 1999 Business Wire
 File 813:PR Newswire 1987-1999/Apr 30
 (c) 1999 PR Newswire Association Inc

Set	Items	Description
S1	149664	ENTITLE()MENT OR ENTITLEMENT??
S2	59840	ENTITLEMENT(3N)MESSAGE?? OR ENTITLEMENT(3N)(CONTROL?? OR M-ANANGEMENT??)(3N)MESSAG?? OR ECM OR EMM
S3	265443	RANGE??(7N)(PREVIEW?? OR STORYLINE??? OR PLOT?? OR STORY()-LINE?? OR TRAILER?? OR CLIP?? OR CLIPPING?? OR VIDEO?? OR PROGRAM?? OR MOVIE?? OR FILM?? OR EVENT??)
S4	568163	(SPECIFIC?? OR PARTICULAR?? OR SELECTED)(7N)(PREVIEW?? OR -STORYLINE? OR PLOT?? OR STORY()LINE?? OR TRAILER?? OR CLIP?? -OR CLIPPING?? OR VIDEO?? OR PROGRAM?? OR MOVIE?? OR FILM?? OR EVENT??)
S5	381532	NUMBER??(5N)(PREVIEW?? OR STORYLINE? OR PLOT?? OR STORY()L-INE?? OR TRAILER?? OR CLIP?? OR CLIPPING?? OR VIDEO?? OR PROG-RAM?? OR MOVIE?? OR FILM?? OR EVENT??)
S6	4389037	TV OR WEBTV OR INTERNET()TV OR (WEB OR INTERNET??)(2N)(TV -OR TELEVISION?? OR TELE()VISION??) OR PC??()TV?? OR PCTV OR V-OD OR VIDEO(3N)DEMAND?? OR ONDEMAN?? OR ON()DEMAND??
S7	2919377	PPV OR PAY()PER()VIEW?? OR PAYPER()VIEW?? OR PAY()PERVIEW?? OR CABLE?? OR CATV??OR VIDEO??(3N)(DITRIBUT???? OR DOWNLOAD?? OR DOWN()LOAD??)
S8	1	AU=(KAMPERMAN F? OR KAMPERMAN, F? OR VAN RIJNSOEVER B? OR -VAN RIJNOEVER, B? OR VAN-RIJNSOEVER B? OR VAN-RIJNOEVER, B? OR GOUDSMITS M? OR GOUDSMITS, M?)
S9	1	S2(25N)S3(25N)(S6 OR S7)
S10	19	S2(25N)(S4 OR S5)(25N)(S6 OR S7)
S11	8	RD (unique items)
S12	0	S11 NOT PY>1999
S13	38	S2(25N)S3
S14	33	RD (unique items)
S15	22	S14 NOT PY>1999
S16	84	S1(25N)S3
S17	0	S16(25N)(S6 OR S7)
S18	84	S2(25N)S4
S19	6	S18(25N)(S6 OR S7)
S20	3	RD (unique items)
S21	3	S20 NOT S9
S22	433	S1(25N)S4
S23	0	S22(25N)(S6 OR S7)
S24	59	S2(25N)S5
S25	0	S24(25N)(S6 OR S7)
S26	29	RD S24 (unique items)
S27	12	S26 NOT PY>1999
S28	12	S27 NOT (S9 OR S21 OR S15)
S29	254	S1(25N)S5
S30	3	S29(25N)(S6 OR S7)
S31	1	RD (unique items)
S32	1	S31 NOT (S9 OR S21 OR S15 OR S28)
?		

- titles only

- titles only

8/5,K/1 (Item 1 from file: 88)
DIALOG(R)File 88:Gale Group Business A.R.T.S.
(c) 2005 The Gale Group. All rts. reserv.

06081192 SUPPLIER NUMBER: 83553967
**Conditional access system interoperability through software
downloading. (Abstract)**

Kamperman, Frankan ; Rijnsoever, Bart van
IEEE Transactions on Consumer Electronics, 47, 1, 47(8)
Feb, 2001
DOCUMENT TYPE: Abstract ISSN: 0098-3063 LANGUAGE: English
RECORD TYPE: Abstract

AUTHOR ABSTRACT: Interoperability between Conditional Access (CA) Systems and Set-Top Boxes (STBs) - CA-STB interoperability - has been an issue from the very beginning of receiver development for digital pay-TV. Interoperability ensures that any service can be received on any (interoperable) STB. The Common Interface solutions SimulCrypt and MultiCrypt are now standardized. However, these solutions have a number of disadvantages, including the need for service providers to agree on using each other's system, increased bandwidth usage, inflexibility, cost, and limited functionality.

This paper describes another solution for CA-STB interoperability, based on downloading interoperable software into the STB. It provides full CA-STB interoperability. Furthermore, it can be introduced relatively easily into future STBs and will require only minimal changes in current CA systems.

DESCRIPTORS: Consumer electronics--Research; Digital television--Research
; Set-top boxes--Research
FILE SEGMENT: AI File 88

Kamperman, Frankan ...

9/3,K/1 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 The Dialog Corp. All rts. reserv.

20610292 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Review: Music Releases: CLASSICAL

TARIQ O'REGAN

OBSERVER

January 06, 2002

JOURNAL CODE: FOBS LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 357

...film scores would be pillaged for his concert works and vice versa.
These four suites **range** from the 12-part **TV film** My Past and Thoughts
(1973) to an adaptation of Bulgakov's The Master and Margarita...

... BERIO Voci, Naturale Kim Kashkashian (viola), Robyn Schulkowsky
(percussion), Radio Symphonieorchester Wien/ Dennis Russell Davies (**ECM**
New Series 1735)

?

15/TI/1 (Item 1 from file: 9)
DIALOG(R)File 9:(c) 2005 The Gale Group. All rts. reserv.

Marks & Spencer: A British tradition

15/TI/2 (Item 1 from file: 16)
DIALOG(R)File 16:(c) 2005 The Gale Group. All rts. reserv.

ELECTROHOME INTRODUCES NEW 15" HI-RES COLOR MONITOR

15/TI/3 (Item 1 from file: 47)
DIALOG(R)File 47:(c) 2005 The Gale group. All rts. reserv.

Biber: Passacaglia in G minor; Hartke: Caoine; Reger: Chaconne; Rochberg: Caprice Variations; Bach: Partita No.1.(Michelle Makarski) (sound recording reviews)

15/TI/4 (Item 1 from file: 80)
DIALOG(R)File 80:(c) 2005 The Gale Group. All rts. reserv.

Updates on TRDI's R&D Programs

15/TI/5 (Item 2 from file: 80)
DIALOG(R)File 80:(c) 2005 The Gale Group. All rts. reserv.

THREAT SIMULATION IN EW SUITE TESTING

15/TI/6 (Item 3 from file: 80)
DIALOG(R)File 80:(c) 2005 The Gale Group. All rts. reserv.

PERFORMANCE, RELIABILITY, MOBILITY: GERMANY'S TRM3D RADAR

15/TI/7 (Item 4 from file: 80)
DIALOG(R)File 80:(c) 2005 The Gale Group. All rts. reserv.

THE ROYAL AUSTRALIAN NAVY'S NEW SUBMARINE SELECTION: NEVESBU/ROTTERDAM...

15/TI/8 (Item 5 from file: 80)
DIALOG(R)File 80:(c) 2005 The Gale Group. All rts. reserv.

RADAR VIDEO GENERATORS FOR NAVY

15/TI/9 (Item 1 from file: 88)
DIALOG(R)File 88:(c) 2005 The Gale Group. All rts. reserv.

Tech releases. (product announcement)

15/TI/10 (Item 1 from file: 148)
DIALOG(R)File 148:(c)2005 The Gale Group. All rts. reserv.

Reviving a giant. (Douglas Aircraft Co.)

15/TI/11 (Item 2 from file: 148)
DIALOG(R)File 148:(c)2005 The Gale Group. All rts. reserv.

Rephase in the works for B-1B upgrade plan ... Congress warns: don't start from scratch with ECM. (conventional weapons systems, electronic countermeasures for B1-B bomber) (Defense Digest)

15/TI/12 (Item 3 from file: 148)
DIALOG(R)File 148:(c)2005 The Gale Group. All rts. reserv.

EW agressor squadron moves out. (the Air Force's Electronic Warfare Agressor Program)

15/TI/13 (Item 4 from file: 148)
DIALOG(R)File 148:(c)2005 The Gale Group. All rts. reserv.

Tit for tat, where's it at? A snapshot of current ECCM. (electronic counter-countermeasures)

15/TI/14 (Item 5 from file: 148)
DIALOG(R)File 148:(c)2005 The Gale Group. All rts. reserv.

Sanders Associates Inc. reports third-quarter results.

15/TI/15 (Item 1 from file: 160)
DIALOG(R)File 160:(c) 1999 The Gale Group. All rts. reserv.

IF/RF logamps catch speedy pulse trains

15/TI/16 (Item 1 from file: 484)
DIALOG(R)File 484:(c) 2005 ProQuest. All rts. reserv.

Direct from Yamaha

15/TI/17 (Item 2 from file: 484)
DIALOG(R)File 484:(c) 2005 ProQuest. All rts. reserv.

Michelle Makarski, violin

15/TI/18 (Item 1 from file: 621)
DIALOG(R)File 621:(c) 2005 The Gale Group. All rts. reserv.

ELECTROHOME ANNOUNCES INDUSTRY'S FIRST MONITOR TO HANDLE MULTIPLE COLOR CARDS

15/TI/19 (Item 1 from file: 624)
DIALOG(R)File 624:(c) 2004 McGraw-Hill Co. Inc. All rts. reserv.

Rockwell set to kick off revived B-1B ECM upgrade effort

15/TI/20 (Item 1 from file: 636)
DIALOG(R)File 636:(c) 2005 The Gale Group. All rts. reserv.

General Electric Offers New Efficient HVAC Motor

15/TI/21 (Item 2 from file: 636)
DIALOG(R)File 636:(c) 2005 The Gale Group. All rts. reserv.

SDI

15/TI/22 (Item 3 from file: 636)
DIALOG(R)File 636:(c) 2005 The Gale Group. All rts. reserv.

**No Consensus On Conventional Modernization
?**

21/3,K/1 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

11253745 Supplier Number: 117778525 (USE FORMAT 7 FOR FULLTEXT)
Sesame Workshop, Nonprofit Educational Organization Behind 'Sesame Street,' Selects Percussion Software's Rhythmyx 5 Enterprise Content Management Solution for Global Content.
Business Wire, p5618
June 7, 2004
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1023

... today announced that Sesame Workshop, the nonprofit educational organization behind the "Sesame Street" children's **TV program**, has **selected** the company's Rhythmyx(TM) 5 Enterprise Content Management (**ECM**) solution. Rhythmyx 5 will enhance the Workshop's global online communications by making it easy...

21/3,K/2 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 The Dialog Corp. All rts. reserv.

30868894 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Reader's Digest and ECM to Develop 'Selecciones at the Movies' - Original TV Movie Programming Based on Stories From the World's Largest-Selling Spanish-Language Magazine
PR NEWswire (US)
August 26, 2003
JOURNAL CODE: WPRU LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 569

... with ECM the Americas LLC to develop Selecciones at the Movies, Spanish-language made-for- **TV** movies to be marketed throughout Latin America and the United States. **ECM**, the Latin-focused global **TV** producer and packager, is presenting the **movies** to **selected** advertisers. Sponsorship opportunities include show branding, product selection and cross promotion with the magazine in addition to the **TV** advertising time in the movies. Reader's Digest has selected eight initial scripts based on...

21/3,K/3 (Item 1 from file: 613)
DIALOG(R)File 613:PR Newswire
(c) 2005 PR Newswire Association Inc. All rts. reserv.

01029425 20030826NYTU092 (USE FORMAT 7 FOR FULLTEXT)
Reader's Digest and ECM to Develop
PR Newswire
Tuesday, August 26, 2003 12:11 EDT
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 583

TEXT:
...with ECM the Americas LLC to develop Selecciones at the Movies, Spanish-language made-for- **TV** movies to be

marketed throughout Latin America and the United States. **ECM** , the Latin-focused global **TV** producer and packager, is presenting the **movies** to **selected** advertisers. Sponsorship opportunities include show branding, product selection and cross promotion with the magazine in addition to the **TV** advertising time in the movies. Reader's Digest has selected eight initial scripts based on...

28/TI/1 (Item 1 from file: 9)
DIALOG(R)File 9:(c) 2005 The Gale Group. All rts. reserv.

EICHER GOODEARTH TO LAUNCH HI-TECH METRO DIRECTORIES

28/TI/2 (Item 1 from file: 47)
DIALOG(R)File 47:(c) 2005 The Gale group. All rts. reserv.

Paris 1200: Wimpfen Fragments - 13th Century Motets. (Review)

28/TI/3 (Item 2 from file: 47)
DIALOG(R)File 47:(c) 2005 The Gale group. All rts. reserv.

Greening the manufacturing function. (environmentally conscious manufacturing)

28/TI/4 (Item 1 from file: 80)
DIALOG(R)File 80:(c) 2005 The Gale Group. All rts. reserv.

ECM Manufacturers Fight for Fewer Contracts

28/TI/5 (Item 2 from file: 80)
DIALOG(R)File 80:(c) 2005 The Gale Group. All rts. reserv.

AUTOMATIC TEST EQUIPMENT

28/TI/6 (Item 1 from file: 88)
DIALOG(R)File 88:(c) 2005 The Gale Group. All rts. reserv.

EMS 4.0 pulls together. (Expanded Memory Specification software) (technical)

28/TI/7 (Item 1 from file: 98)
DIALOG(R)File 98:(c) 2004 The HW Wilson Co. All rts. reserv.

Relevance of extracellular matrix, its receptors, and cell adhesion molecules in mammalian nephrogenesis.

28/TI/8 (Item 1 from file: 148)
DIALOG(R)File 148:(c)2005 The Gale Group. All rts. reserv.

Military avionics advances make fiction a fact.

28/TI/9 (Item 2 from file: 148)
DIALOG(R)File 148:(c)2005 The Gale Group. All rts. reserv.

"Aultered" states. (Ault Foods Ltd.) (includes related articles) (1992 Processor of the Year) (Cover Story)

28/TI/10 (Item 3 from file: 148)

DIALOG(R)File 148:(c)2005 The Gale Group. All rts. reserv.

NATO EW - at the turning point. (electronic warfare)

28/TI/11 (Item 1 from file: 275)

DIALOG(R)File 275:(c) 2005 The Gale Group. All rts. reserv.

LIM EMS 4.0: a definition for the text generation of expanded memory.
(Lotus-Intel-Microsoft Expanded Memory Specification 4.0)

28/TI/12 (Item 1 from file: 636)

DIALOG(R)File 636:(c) 2005 The Gale Group. All rts. reserv.

U.S. - CONGRESS, FRUSTRATED, TACKLES EA-6B UPGRADES (JUL 11/JED)

32/3,K/1 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

04730297 Supplier Number: 46963307 (USE FORMAT 7 FOR FULLTEXT)
**Sun's Solaris NEO Provides Foundation For Titan Information Systems' New
Subscriber Authorization Systems; Digital Video PassPort Enhances Pay-TV
Operators' Control Over Security and Subscriber Access to Programming.**
Business Wire, p12110051
Dec 11, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 735

... Subscriber Authorization System looks at each subscriber's
information and sends out access rights, or **entitlements** , to the set-top
box for each channel, **program** , and **pay - per - view event** .

Digital **Video** PassPort controls large **numbers** of subscriber
set-top decoders and sends and receives thousands of messages per second,
while...
?

File 348:EUROPEAN PATENTS 1978-2004/Dec W03
(c) 2004 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20041230,UT=20041223
(c) 2004 WIPO/Univentio

Set	Items	Description
S1	2731	ENTITLE()MENT OR ENTITLEMENT??
S2	4948	ENTITLEMENT(3N)MESSAGE?? OR ENTITLEMENT(3N)(CONTROL?? OR M- ANANGEMENT??)(3N)MESSAG?? OR ECM OR EMM
S3	29239	RANGE??(7N)(PREVIEW?? OR STORYLINE??? OR PLOT?? OR STORY()- LINE?? OR TRAILER?? OR CLIP?? OR CLIPPING?? OR VIDEO?? OR PRO- GRAM?? OR MOVIE?? OR FILM?? OR EVENT??)
S4	122957	(SPECIFIC?? OR PARTICULAR?? OR SELECTED)(7N)(PREVIEW?? OR - STORYLINE? OR PLOT?? OR STORY()LINE?? OR TRAILER?? OR CLIP?? - OR CLIPPING?? OR VIDEO?? OR PROGRAM?? OR MOVIE?? OR FILM?? OR EVENT??)
S5	46869	NUMBER??(5N)(PREVIEW?? OR STORYLINE? OR PLOT?? OR STORY()L- INE?? OR TRAILER?? OR CLIP?? OR CLIPPING?? OR VIDEO?? OR PROG- RAM?? OR MOVIE?? OR FILM?? OR EVENT??)
S6	64834	TV OR WEBTV OR INTERNET()TV OR (WEB OR INTERNET??)(2N)(TV - OR TELEVISION?? OR TELE()VISION??) OR PC??()TV?? OR PCTV OR V- OD OR VIDEO(3N)DEMAND?? OR ONDEMAN?? OR ON()DEMAND??
S7	161321	PPV OR PAY()PER()VIEW?? OR PAYPER()VIEW?? OR PAY()PERVIEW?? OR CABLE?? OR CATV??OR VIDEO??(3N)(DITRIBUT???? OR DOWNLOAD?? OR DOWN()LOAD??)
S8	74	AU=(KAMPERMAN F? OR KAMPERMAN, F? OR VAN RIJNSOEVER B? OR - VAN RIJNOEVER, B? OR VAN-RIJNSOEVER B? OR VAN-RIJNOEVER, B? OR GOUDSMITS M? OR GOUDSMITS, M?)
S9	0	S2(10N)S3(10N)(S6 OR S7)
S10	1	S2(10N)S3
S11	0	S10 NOT DIESEL?
S12	3	S2(25N)S3
S13	0	S12(25N)(S6 OR S7)
S14	2	S12 NOT S10
S15	14	S2(S)S3
S16	1	S15(S)(S6 OR S7)
S17	1	S16 NOT S12
S18	0	S16 NOT DISEASE?
S19	2	S1(10N)S3
S20	1	S19 NOT S12
S21	2	S1(25N)S3
S22	0	S21 NOT S19
S23	71	S2(10N)S4
S24	4	S23(10N)(S6 OR S7)
S25	4	S24 NOT S12
S26	53	S1(10N)S4
S27	4	S26(10N)(S6 OR S7)
S28	4	S27 NOT S24
S29	4	S28 NOT S12
S30	28	S2(10N)S5
S31	1	S30(10N)(S6 OR S7)
S32	1	S31 NOT (S24 OR S12 OR S28)
S33	28	S1(10N)S5
S34	0	S22 NOT S30
S35	207	(S1 OR S2)(25N)(S4 OR S5)
S36	30	S35(25N)(S6 OR S7)
S37	20	S36 NOT (S24 OR S12 OR S28 OR S32)
S38	15	S37 NOT AD=19991222:20050105/PR
S39	18	S8 AND (S1 OR S2)
S40	1	S39(10N)(S3 OR S4 OR S5)
S41	0	S40 NOT (S24 OR S12 OR S28 OR S32)

S42	5	S39 (25N) (S3 OR S4 OR S5 OR S6 OR S7)
S43	4	S42 NOT (S40 OR S24 OR S12 OR S28 OR S32)

14/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2004 European Patent Office. All rts. reserv.

00784361

BURST DRIVING OF SINGLE-PANEL DISPLAY
PULSFOLGENANSTEUERUNG FÜR EINZELTAFELANZEIGE
ENTRAÎNEMENT PAR SALVES D'UN DISPOSITIF D'AFFICHAGE A PANNEAU UNIQUE
PATENT ASSIGNEE:

Koninklijke Philips Electronics N.V., (1489041), Groenewoudseweg 1, 5621
BA Eindhoven, (NL), (Proprietor designated states: all)

INVENTOR:

COHEN, David, A., 26 Maple Place, Ossining, NY 10562, (US)
JANSSEN, Peter, J., P.O. Box 307, Scarborough, NY 10510, (US)

LEGAL REPRESENTATIVE:

Groenendaal, Antonius Wilhelmus Maria et al (59381), INTERNATIONAAL
OCTROOIBUREAU B.V., Prof. Holstlaan 6, 5656 AA Eindhoven, (NL)
PATENT (CC, No, Kind, Date): EP 745309 A1 961204 (Basic)
EP 745309 B1 020508
WO 9619082 960620

APPLICATION (CC, No, Date): EP 95936723 951129; WO 95IB1073 951129

PRIORITY (CC, No, Date): US 356939 941215

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: H04N-009/31; G09G-003/36

NOTE:

No A-document published by EPO
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200219	1074
CLAIMS B	(German)	200219	1080
CLAIMS B	(French)	200219	1187
SPEC B	(English)	200219	4739
Total word count - document A			0
Total word count - document B			8080
Total word count - documents A + B			8080

...CLAIMS de maniere selective les rangees de pixels, et une pluralite
d'electrodes de colonnes (EC1,..., ECM) chacune pour transferer des
signaux de donnees representatifs de transmissivites predeterminees a
des pixels respectifs sur une rangee selectionnee des rangees ,
l'appareil d'affichage video couleur comprenant en outre des moyens
de balayage (16) d'une pluralite de bandes de...

14/3,K/2 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

00813590 **Image available**

CONDITIONAL ACCESS SYSTEM FOR CONTROLLING THE ACCESS TO A DATA CONTENT
SYSTEME D'ACCES CONDITIONNEL POUR COMMANDER L'ACCES A UN CONTENU DE DONNEES
Patent Applicant/Assignee:

KONINKLIJKE PHILIPS ELECTRONICS N V, Groenewoudseweg 1, NL-5621 BA
Eindhoven, NL, NL (Residence), NL (Nationality)

Inventor(s):

KAMPERMAN Franciscus L A J, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,
VAN RIJNSOEVER Bartholomeus J, Prof. Holstlaan 6, NL-5656 AA Eindhoven,
NL,
GOUDSMITS Mathieu P F M, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,

Legal Representative:

GRAVENDEEL Cornelis (agent), Internationaal Octrooibureau B.V., Prof
Holstlaan 6, NL-5656 AA Eindhoven, NL,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200147265 A1 20010628 (WO 0147265)
Application: WO 2000EP12382 20001208 (PCT/WO EP0012382)
Priority Application: EP 99204469 19991222

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

JP KR

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Publication Language: English

Filing Language: English

Fulltext Word Count: 2099

Fulltext Availability:

Detailed Description

Claims

English Abstract

...receiving and storing a meta-entitlement of the end-user, said
meta-entitlement including an **event** number **range** , and means for
extracting from the meta-entitlement an actual entitlement identification
including the event selected by the end-user. A **control** word from the
entitlement control message is supplied to the descrambler if the
entitlement identification in the **entitlement control message**
matches the actual **entitlement** .

Detailed Description

... receiving and storing a meta-entitlement of the end-user, said
meta-entitlement including an **event** number **range** , and means for
extracting from the meta-entitlement an 1 5 actual entitlement
identification including the event selected by the end-user, after which
a **control** word from the **entitlement control message** is supplied
to the descrambler if the **entitlement** identification in the
entitlement control message matches the actual **entitlement** .

According to the invention prebooked entitlements, called
meta-entitlements are defined, which indicate a **range** of **events** from
which a user is allowed to make one or more selections. Such an
entitlement...to derive an actual entitlement.

Suppose the user wants to access a program with following **ECM** 's.

<service-nr>

<event-nr>

1 5 <current-date>

The user is entitled to select the program if <service-nr> is equal, and
< **programme** -nr> and <current-date> are in the **range** as indicated by
the meta-entitlement.

The smart card will generate the real entitlement from the
meta-entitlement and **ECM** if the user decides to select the program.
This entitlement allows decryption of the corresponding...

Claim

... for receiving and storing a meta-entitlement of the end-user, said
metaentitlement including an **event** number **range** , and means for
extracting from the metaentitlement an actual entitlement identification

including the event selected by the end-user, 5 after which a **control** word from the **entitlement control message** is supplied to the descrambler if the **entitlement** identification in the **entitlement control message** matches the actual **entitlement** .

2 Conditional access system according to claim 1, in which the uplink system comprises a...

...receiving and storing a meta-entitlement of the end-user, said meta-entitlement including an **event** number **range** , and further means for extracting from the meta-entitlement an actual entitlement identification including the event selected by the end-user, after which a **control** word from the **entitlement control message** is supplied to the descrambler if the **entitlement** identification in the **entitlement control message** matches the actual **entitlement** .

?

20/3,K/1 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

00280318 **Image available**

**METHODS AND APPARATUS RELATING TO THE FORMULATION AND TRADING OF RISK
MANAGEMENT CONTRACTS**

**PROCEDE ET APPAREIL DESTINES A L'ETABLISSEMENT ET A LA NEGOCIATION DES
CONTRATS DE GESTION DE RISQUES**

Patent Applicant/Assignee:

SHEPHERD Ian Kenneth,

Inventor(s):

SHEPHERD Ian Kenneth,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9428496 A1 19941208

Application: WO 93AU250 19930528 (PCT/WO AU9300250)

Priority Application: WO 93AU250 19930528

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AT AU BB BG BR CA CH CZ DE DK ES FI GB HU JP KP KR KZ LK LU MG MN MW NL
NO NZ PL PT RO RU SD SE SK UA US VN AT BE CH DE DK ES FR GB GR IE IT LU
MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 41169

Fulltext Availability:

· Claims

Claim

... a

single-dimensional entitlement function: the input term "XI' can indicate
the number of contract **entitlement** "inflection points" the ordering
party
is seeking within the allowable **range** of future product **event** values
(including the value **range** extremity

25/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2004 European Patent Office. All rts. reserv.

00996435

SIGNAL GENERATION AND BROADCASTING
Signalerzeugung und Ausstrahlung
PRODUCTION DE SIGNAL ET TELEDIFFUSION

PATENT ASSIGNEE:

Canal+ Technologies, (3376171), 34, Place Raoul Dautry, 75015 Paris, (FR)
, (Proprietor designated states: all)

INVENTOR:

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Malmaison, (FR)

DE SARZENS, Philip, 24, rue de Saint Quentin, F-75010 Paris, (FR)

JEZEQUEL, Jean-Francois, 35, rue du Commandant Kieffer, F-95240 Cormeille
en Parisis, (FR)

LEGAL REPRESENTATIVE:

Santarelli (100891), 14, avenue de la Grande Armée, 75017 Paris, (FR)

PATENT (CC, No, Kind, Date): EP 968609 A1 000105 (Basic)

EP 968609 B1 021127

WO 98043430 981001

APPLICATION (CC, No, Date): EP 97921749 970425; WO 97EP2106 970425

PRIORITY (CC, No, Date): EP 97400650 970321

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU;
MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; RO; SI

INTERNATIONAL PATENT CLASS: H04N-007/167

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200248	1217
CLAIMS B	(German)	200248	1209
CLAIMS B	(French)	200248	1373
SPEC B	(English)	200248	13575
Total word count - document A			0
Total word count - document B			17374
Total word count - documents A + B			17374

...SPECIFICATION arranged to produce the command to be representative of
the time of broadcast of a **particular programme event**, and
preferably further the message is an **EMM**. This aspect of the invention
is **particularly** relevant to **Pay Per View events**, where the
demand by viewers for authorization to watch a particular PPV event will
generally...

25/3,K/2 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00972304

**CONDITIONAL ACCESS SYSTEM FOR DIGITAL DATA BY KEY DECRYPTION AND
RE-ENCRYPTION**
**SYSTEME D'ACCES CONDITIONNEL POUR DES DONNEES NUMERIQUES PAR DECRYPTAGE ET
NOUVEAU CRYPTAGE CODES**

Patent Applicant/Assignee:

OCTALIS S A, Av. Albert Einstein 11f, B-1348 Louvain-la-Neuve, BE, BE
(Residence), BE (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

MAS RIBES Joan-Maria, Ctra. Castellvell, 18, 43206 Reus, ES, ES
(Residence), ES (Nationality), (Designated only for: US)

Legal Representative:

BRANTS Johan Philippe Emi (agent), De Clercq, Brants & partners, E.
Gevaertdreef 10a, B-9830 Sint-Martens-Latem, BE,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200301807 A1 20030103 (WO 0301807)

Application: WO 2002EP6838 20020620 (PCT/WO EP0206838)

Priority Application: EP 2001870135 20010622

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 5578

Fulltext Availability:

Detailed Description

Detailed Description

... distributor and a potentially unlimited number of receivers.

The content is distributed in real-time. **TV programs** are broadcasted at a **specific** time, and the receivers view the **programs** at that **specific** moment. This means that content and conditional access information (**ECM** 's and **EMM**'s) is sent together through the same flow.

CONFIRMATION COPY

The broadcasted...

25/3,K/3 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00924302 **Image available**

SYSTEM FOR SECURELY DELIVERING PRE-ENCRYPTED CONTENT ON DEMAND WITH ACCESS CONTROL

SYSTEME DE REMISE SECURISEE DE CONTENU PRECHIFFRE SUR DEMANDE AVEC CONTROLE D'ACCES

Patent Applicant/Assignee:

GENERAL INSTRUMENT CORPORATION, Motorola, Inc., Broadband Communications Sector, 101 Tournament Drive, Horsham, PA 19044, US, US (Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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(Residence), US (Nationality)

CHUNG PANG SO Nicol, 2517 Dunks Ferry Road, Apt. F-301, Bensalem, PA 19020, US, US (Residence), US (Nationality), (Designated only for: US)

OKIMOTO John I, 14139 Via Corsini, San Diego, CA 92128, US, US
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TANG Lawrence W, 10529 Harvest View Way, San Diego, CA 92128, US, US
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(Residence), JP (Nationality), (Designated only for: US)
COCHRAN Keith R, 710 Camino de la Reina, # 323, San Diego, CA 92108, US,
US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

NWAMU Fidel D (et al) (agent), Townsend and Townsend and Crew LLP, Two
Embarcadero Center, 8th Floor, San Francisco, CA 94111, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200258398 A2-A3 20020725 (WO 0258398)

Application: WO 2002US999 20020114 (PCT/WO US0200999)

Priority Application: US 2001263087 20010118; US 2001898184 20010703

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 13482

Fulltext Availability:

Detailed Description

Detailed Description

... encrypted VOD program, VOD system 108 looks up its database and
retrieves the version of **ECM** (s) that is associated with the purchased
program and specifies the **particular** VOD service tier (among the N
possibilities) that the subscriber's terminal has been authorized for...

25/3,K/4 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00452966 **Image available**

SIGNAL GENERATION AND BROADCASTING

PRODUCTION DE SIGNAL ET TELEDIFFUSION

Patent Applicant/Assignee:

CANAL+ SOCIETE ANONYME,

FICHET Laurent,

DE LA TULLAYE Pierre,

DE SARZENS Philip,

JEZEQUEL Jean-Francois,

Inventor(s):

FICHET Laurent,

DE LA TULLAYE Pierre,

DE SARZENS Philip,

JEZEQUEL Jean-Francois,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9843430 A1 19981001

Application: WO 97EP2106 19970425 (PCT/WO EP9702106)

Priority Application: WO 97EP2106 19970425

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU
IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL
PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN YU GH KE LS MW SD SZ
UG AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC
NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: French

Fulltext Word Count: 17014

Fulltext Availability:

Detailed Description

Detailed Description

... arranged to produce the command to be representative of the time of broadcast of a **particular programme event** , and preferably further the message is an **EMM** . This aspect of the invention is **particularly** relevant to **Pay Per View events** , where the demand by viewers for authorization to watch a particular PPV event will generally...

29/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00975552

Conditional access system with programmable mode of access
System mit bedingtem Zugang mit programmierbarem Zugriffmodus
Système d'accès conditionnel a mode d'accès programmable

PATENT ASSIGNEE:

THOMSON multimedia, (1090174), 46 Quai Alphonse Le Gallo, 92100 Boulogne
Billancourt, (FR), (applicant designated states:
AT;BE;CH;CY;DE;DK;ES;FI;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)

INVENTOR:

Campinos, Arnaldo, THOMSON Multimedia, 46 quai Alphonso Le Gallo, 92100
Boulogne, (FR)

LEGAL REPRESENTATIVE:

Ruellan-Lemonnier, Brigitte et al (47345), THOMSON multimedia, Licensing
and Intellectual Property, 46 Quai Alphonse Le Gallo, 92100 Boulogne
Billancourt, (FR)

PATENT (CC, No, Kind, Date): EP 884906 A1 981216 (Basic)

APPLICATION (CC, No, Date): EP 98401352 980608;

PRIORITY (CC, No, Date): FR 977179 970610

DESIGNATED STATES: DE; FR; GB; IT

INTERNATIONAL PATENT CLASS: H04N-007/167; H04N-007/16;

ABSTRACT WORD COUNT: 192

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9851	1185
SPEC A	(English)	9851	3792
Total word count - document A			4977
Total word count - document B			0
Total word count - documents A + B			4977

...SPECIFICATION which the user buys access to a service for a certain
duration, or else the " **pay per view** " mode for which the user buys
the **entitlement** to watch a **particular programme** broadcast at a
particular time.

The various operations attached to one and the same mode of access are
of...

29/3,K/2 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

01159697 **Image available**

METHOD AND APPARATUS FOR PROTECTING THE TRANSFER OF DATA
PROCEDE ET DISPOSITIF DE PROTECTION DE TRANSFERT DE DONNEES

Patent Applicant/Assignee:

SONY ELECTRONICS INC, 1 Sony Drive, Park Ridge, NJ 07656, US, US
(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

CANDELORE Brant L, 10124 Quail Glen Way, Escondido, CA 92029-6502, US, US
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

SALTER James H (agent), Blakely, Sokoloff, Taylor & Zafman, 12400
Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025-1026, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200482147 A2 20040923 (WO 0482147)
Application: WO 2004US6767 20040305 (PCT/WO US04006767)
Priority Application: US 2003387163 20030311

Designated States:

(All protection types applied unless otherwise stated - for applications 2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO
SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 12478

Fulltext Availability:

Detailed Description

Detailed Description

... to Figure 14A, once a user of the set
top box 1340 desires to receive **particular** type of content
(e.g., **PPV movie**, broadcast channel, etc.), the set-top box
1340 determines whether **entitlements** associated with the
requested content are already stored therein. If the
entitlements are not stored...

29/3,K/3 (Item 2 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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01120695 **Image available**

MECHANISM FOR PROTECTING THE TRANSFER OF DIGITAL CONTENT

MECANISME DE PROTECTION DU TRANSFERT DE CONTENU NUMERIQUE

Patent Applicant/Assignee:

SONY ELECTRONICS INC, 1 Sony Drive, Park Ridge, NJ 07656, US, US
(Residence), US (Nationality)

Inventor(s):

CANDELORE Brant L, 10124 Quail Glen Way, Escondido, CA 92029-6502, US,

Legal Representative:

SALTER James H (et al) (agent), Blakely, Sokoloff, Taylor & Zafman, 12400
Wishire Boulevard, 7th Floor, Los Angeles, CA 90025-1026, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200442995 A1 20040521 (WO 0442995)

Application: WO 2003US35334 20031105 (PCT/WO US03035334)

Priority Application: US 2002424381 20021105; US 2003388002 20030312; US
2003690192 20031021; US 2003691170 20031022

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD
SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 16623

Fulltext Availability:
Detailed Description

Detailed Description

... back to Figure 9A. once a user of set-top
box 820 desires to receive **particular** type of content
(e.g., **PPV movie**, broadcast channel,, etc.),,,set-top box
820 determines whether **entitlements** associated with the
requested content are already stored therein. If the
entitlements are not stored...

29/3,K/4 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

01075286 **Image available**

SEAMLESS SWITCHING BETWEEN MULTIPLE PRE-ENCRYPTED VIDEO FILES COMMUTATION SANS INTERRUPTION ENTRE PLUSIEURS FICHIERS VIDEO PRE-CHIFFERS

Patent Applicant/Assignee:

GENERAL INSTRUMENT CORPORATION, 101 Tournament Drive, Horsham, PA 19044,
US, US (Residence), US (Nationality), (For all designated states
except: US)

Patent Applicant/Inventor:

VINCE Lawrence D, 114 Aileen Drive, Lansdale, PA 19446, US, US
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

LIPSITZ Barry R (agent), Law offices of Barry R. Lipsitz, 755 Main
Street, Building No. 8, Monroe, CT 06468, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 2003105475 A1 20031218 (WO 03105475)
Application: WO 2003US17970 20030606 (PCT/WO US0317970)
Priority Application: US 2002386867 20020607

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE
SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English
Filing Language: English
Fulltext Word Count: 5928

Fulltext Availability:
Detailed Description

Detailed Description

... and generates an Entitlements Management Message (EMM) for the
requested content for delivery to the **VOD** playback device 150 along

with the requested content.

An **entitlements** control message (ECM) contains encryption information about the encryption **specific** to the **program** content which, in combination with a valid **entitlements** management message (EMM), can be used to derive an encryption key for decoding the content...

32/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2004 European Patent Office. All rts. reserv.

00266087

Decoding transmitted scrambled signals.
Dekodierung ubertragener verschleierter Signale.
Decodage de signaux transmis brouilles.

PATENT ASSIGNEE:

PHILIPS ELECTRONICS UK LIMITED, (215201), Philips House 1-19 Torrington
Place, London WC1E 7HD, (GB), (applicant designated states: GB)
N.V. Philips' Gloeilampenfabrieken, (200769), Groenewoudseweg 1, NL-5621
BA Eindhoven, (NL), (applicant designated states: DE;FR;IT;SE)

INVENTOR:

Crowther, Gerald Offley, c/o Mullard Mitcham 2 New Road, Mitcham Surrey
CR4 4XY, (GB)
Brennand, Peter Robert, c/o Mullard Mitcham 2 New Road, Mitcham Surrey
CR4 4XY, (GB)

LEGAL REPRESENTATIVE:

Andrews, Arthur Stanley et al (27711), PHILIPS ELECTRONICS Patents and
Trade Marks Department Philips House 1-19 Torrington Place, London WC1E
7HD, (GB)

PATENT (CC, No, Kind, Date): EP 256596 A2 880224 (Basic)
EP 256596 A3 900321
EP 256596 B1 940302

APPLICATION (CC, No, Date): EP 87201500 870806;

PRIORITY (CC, No, Date): GB 8619737 860813; GB 8625487 861024

DESIGNATED STATES: DE; FR; GB; IT; SE

INTERNATIONAL PATENT CLASS: H04N-007/167;

ABSTRACT WORD COUNT: 156

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	753
CLAIMS B	(German)	EPBBF1	671
CLAIMS B	(French)	EPBBF1	799
SPEC B	(English)	EPBBF1	6069
Total word count - document A			0
Total word count - document B			8292
Total word count - documents A + B			8292

...SPECIFICATION the primary ECM packet. The status quo has now been
achieved with user charged as **pay - per - view** .

F21 : MON PR ECM This is **an instruction** to monitor the
primary **ECM** 's for a change in **programme number** (PNUM) and on a
change of PNUM to go to step F14.

F22: SCH SUB EMM This step is...

38/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2004 European Patent Office. All rts. reserv.

01079413

CONFIGURING METHOD AND DEVICE
KONFIGURIERUNGSMETHODE UND -VORRICHTUNG
PROCEDE ET DISPOSITIF DE CONFIGURATION

PATENT ASSIGNEE:

Canal+ Technologies, (3376171), 34, Place Raoul Dautry, 75015 Paris, (FR)
, (Proprietor designated states: all)

INVENTOR:

MERIC, Jerome, 55, rue de Meaux, F-60300 Senlis, (FR)
DECLERCK, Christophe, 3, rue des Ormes Dancourt, F-28210 Senantes, (FR)
LETOURNEUR, Patrice, 44, rue Cluseret, F-92150 Suresnes, (FR)

LEGAL REPRESENTATIVE:

Kohrs, Martin (88662), Thomson multimedia 46, quai A. Le Gallo, 92100
Boulogne-Billancourt, (FR)

PATENT (CC, No, Kind, Date): EP 1053633 A1 001122 (Basic)
EP 1053633 B1 031015
WO 99040719 990812

APPLICATION (CC, No, Date): EP 99901856 990203; WO 99IB274 990203

PRIORITY (CC, No, Date): EP 98400240 980204

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04N-001/00; H04N-007/16; H04N-007/167

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200342	883
CLAIMS B	(German)	200342	832
CLAIMS B	(French)	200342	956
SPEC B	(English)	200342	10857
Total word count - document A			0
Total word count - document B			13528
Total word count - documents A + B			13528

...SPECIFICATION the conditional access system selected using the
CALL(underscore)SELECT command necessary to manage the **ECM** . Such
information typically includes an identification of the conditional
access system, the session number of a **PPV event** , and the index
number of a **PPV event** .

The CA device 4100 assigns an identifier "DESCR(underscore)ID" for the
PID of the **ECM** and returns to the application, via device manager 4068,
an address of the memory zone...

38/3,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2004 European Patent Office. All rts. reserv.

01058948

Configuring method and device
Konfigurierungsmethode- und -Vorrichtung
Methode et dispositif de configuration

PATENT ASSIGNEE:

CANAL+ Societe Anonyme, (1452151), 85/89 Quai Andre Citroen, 75711 Paris

Cedex 15, (FR), (Applicant designated States: all)
 INVENTOR:
 Meric, Jerome, 55, rue de Meaux, 60300 Senlis, (FR)
 Declerck, Christophe, 3, rue des Ormes Dancourt, 28210 Senantes, (FR)
 Letourneur, Patrice, 44, rue Cluseret, 92150 Suresnes, (FR)
 LEGAL REPRESENTATIVE:
 Cozens, Paul Dennis et al (72971), Mathys & Squire 100 Grays Inn Road,
 London WC1X 8AL, (GB)
 PATENT (CC, No, Kind, Date): EP 935382 A1 990811 (Basic)
 APPLICATION (CC, No, Date): EP 98400240 980204;
 DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU;
 MC; NL; PT; SE
 EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
 INTERNATIONAL PATENT CLASS: H04N-001/00; H04N-007/16; H04N-007/167
 ABSTRACT WORD COUNT: 129
 NOTE:

Figure number on first page: 11

LANGUAGE (Publication,Procedural,Application): English; English; English
 FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9932	676
SPEC A	(English)	9932	10887
Total word count - document A			11563
Total word count - document B			0
Total word count - documents A + B			11563

...SPECIFICATION the conditional access system selected using the
 CALL(underscore)SELECT command necessary to manage the **ECM** . Such
 information typically includes an identification of the conditional
 access system, the session number of a **PPV event** , and the index
number of a **PPV event** .

The CA device 4100 assigns an identifier "DESCR(underscore)ID" for the
 PID of the **ECM** and returns to the application, via device manager 4068,
 an address of the memory zone...

38/3,K/3 (Item 3 from file: 348)
 DIALOG(R)File 348:EUROPEAN PATENTS
 (c) 2004 European Patent Office. All rts. reserv.

00983310

Digital coupons for pay television
Digitale Gutscheine fur Bezahlfernsehen
Coupons numeriques pour la television a peage

PATENT ASSIGNEE:

General Instrument Corporation, (1403172), 101 Tournament Drive, Horsham,
 Pennsylvania 19044, (US), (Applicant designated States: all)

INVENTOR:

Candelore, Brant, 2244 Felspar Street, San Diego, California 92109, (US)

LEGAL REPRESENTATIVE:

Hoeger, Stellrecht & Partner (100381), Uhlandstrasse 14 c, 70182
 Stuttgart, (DE)

PATENT (CC, No, Kind, Date): EP 891084 A2 990113 (Basic)
 EP 891084 A3 991020

APPLICATION (CC, No, Date): EP 98111861 980626;

PRIORITY (CC, No, Date): US 890066 970709

DESIGNATED STATES: AT; BE; DE; DK; ES; FR; GB; IE; NL

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04N-007/16

ABSTRACT WORD COUNT: 141

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9902	1550
SPEC A	(English)	9902	9090
Total word count - document A			10640
Total word count - document B			0
Total word count - documents A + B			10640

...SPECIFICATION various programs may be offered on an individual or a-la-carte pay-per-view (PPV) basis, where the subscriber pays a fee to view a single program. The customer may either call ahead to the subscription center to have a **specific** authorization or entitlement for a single **program** sent to the customer's terminal, or the customer can arrange to have a certain...

38/3,X/4 (Item 4 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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00945736

Apparatus and method for processing packets of program component data
Vorrichtung und Verfahren zur Verarbeitung von Datenpaketen mit
Programnteilen

Appareil et methode de traitement de composants d' un programme en paquets
de donnees

PATENT ASSIGNEE:

THOMSON CONSUMER ELECTRONICS, INC., (1066932), 10330 North Meridian St,
Indianapolis, IN 46290-1024, (US), (Proprietor designated states: all)

INVENTOR:

Tamer, Gregory Georges, THOMSON Multimedia, 46 quai Alphonso Le Gallo,
92648 Boulogne Cedex, (FR)

Deiss, Michael Scott, THOMSON Multimedia, 46 quai Alphonso Le Gallo,
92648 Boulogne Cedex, (FR)

Chaney, John William, THOMSON Multimedia, 46 quai Alphonso Le Gallo,
92648 Boulogne Cedex, (FR)

Hailey, James Edwin, THOMSON Multimedia, 46 quai Alphonso Le Gallo, 92648
Boulogne Cedex, (FR)

LEGAL REPRESENTATIVE:

Ruellan-Lemonnier, Brigitte (47341), THOMSON multimedia, 46 quai A. Le
Gallo, 92648 Boulogne Cedex, (FR)

PATENT (CC, No, Kind, Date): EP 858222 A1 980812 (Basic)
EP 858222 B1 011010

APPLICATION (CC, No, Date): EP 98400623 950315;

PRIORITY (CC, No, Date): US 232794 940422

DESIGNATED STATES: DE; ES; FR; GB; IT

RELATED PARENT NUMBER(S) - PN (AN):

EP 756801 (EP 95914142)

INTERNATIONAL PATENT CLASS: H04N-007/16; H04N-007/24; H04N-007/167

ABSTRACT WORD COUNT: 108

NOTE:

Figure number on first page: NONE

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	199833	298
CLAIMS B	(English)	200141	242
CLAIMS B	(German)	200141	231
CLAIMS B	(French)	200141	307
SPEC A	(English)	199833	7922
SPEC B	(English)	200141	7918
Total word count - document A			8221
Total word count - document B			8698
Total word count - documents A + B			16919

...SPECIFICATION programmed with, for example, the area code and telephone exchange of the receiver location. The **EMM** may include data, which when processed by the smart card, will entitle or deny reception of **particular programs** in **particular** area codes.

The **program** provider may want the ability to entitle certain subscribers with very short lead time, as for example for **pay - per - view programs**. The identification of **particular** subscribers may not be available until shortly before airing of the **particular program**. With such short lead time it may not be possible to program **EMM** 's on a subscriber basis. A further layer of coding may be instantly impressed on ...

...is invited to review Section 25 of THE SATELLITE BOOK. A COMPLETE GUIDE TO SATELLITE **TV** THEORY AND PRACTICE..

The matched filter or E-code decoder is arranged to perform a second function, which is to detect **particular** MPEG **video** headers. These headers are 32-bit start codes, (which is the reason the headers of **entitlement** payloads are coded in 32-bit groups). If video data is lost, an MPEG video decoder can only restart decompressing **video** data at **particular** data entry points. These entry points coincide with MPEG start codes. The decoder may be...

...SPECIFICATION programmed with, for example, the area code and telephone exchange of the receiver location. The **EMM** may include data, which when processed by the smart card, will entitle or deny reception of **particular programs** in **particular** area codes.

The **program** provider may want the ability to entitle certain subscribers with very short lead time, as for example for **pay - per - view programs**. The identification of **particular** subscribers may not be available until shortly before airing of the **particular program**. With such short lead time it may not be possible to program **EMM** 's on a subscriber basis. A further layer of coding may be instantly impressed on ...

...is invited to review Section 25 of THE SATELLITE BOOK, A COMPLETE GUIDE TO SATELLITE **TV** THEORY AND PRACTICE.

The matched filter or E-code decoder is arranged to perform a second function, which is to detect **particular** MPEG **video** headers. These headers are 32-bit start codes, (which is the reason the headers of **entitlement** payloads are coded in 32-bit groups). If video data is lost, an MPEG video decoder can only restart decompressing **video** data at **particular** data entry points. These entry points coincide with MPEG start codes. The decoder may be...

38/3,K/5 (Item 5 from file: 348)
 DIALOG(R)File 348:EUROPEAN PATENTS
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00857357

TIME-SHIFTED CONDITIONAL ACCESS
ZEITVERSCHOBENER BEDINGTER ZUGANG
ACCES CONDITIONNEL A DECALAGE TEMPOREL
PATENT ASSIGNEE:

Koninklijke Philips Electronics N.V., (1489041), Groenewoudseweg 1, 5621
BA Eindhoven, (NL), (Proprietor designated states: all)

INVENTOR:

KAMPERMAN, Franciscus, Lucas, Antonius, Johannes, Prof. Holstlaan 6,
NL-5656 AA Eindhoven, (NL)

LEGAL REPRESENTATIVE:

Schoenmaker, Maarten et al (80492), Philips Intellectual Property &
Standards P.O. Box 220, 5600 AE Eindhoven, (NL)

PATENT (CC, No, Kind, Date): EP 800745 A1 971015 (Basic)
EP 800745 B1 030917
WO 97016924 970509

APPLICATION (CC, No, Date): EP 96933569 961023; WO 96IB1137 961023

PRIORITY (CC, No, Date): EP 95202980 951031

DESIGNATED STATES: DE; ES; FR; GB; IT

INTERNATIONAL PATENT CLASS: H04N-007/167; H04K-001/04

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200338	512
CLAIMS B	(German)	200338	492
CLAIMS B	(French)	200338	579
SPEC B	(English)	200338	5279
Total word count - document A			0
Total word count - document B			6862
Total word count - documents A + B			6862

...SPECIFICATION For example, the pay-TV operator may determine the number of times the recorded pay- **TV** program may be viewed, in the following manner. The pay- **TV** operator may convey an **entitlement** management **message** **EMM** to the security device SCD, which sets the condition "no more than 5 viewings of the pay- **TV** **program** recorded". To count the **number** of viewings, the security device SCD may comprise software for program identification and counting. If the security device SCD establishes that a pay- **TV** program is to be viewed for the sixth time, it inhibits the supply of control...

38/3,K/6 (Item 6 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00790957

SYSTEM FOR PROCESSING A VIDEO SIGNAL VIA SERIES-CONNECTED HIGH SPEED SIGNAL PROCESSING SMART CARDS

SYSTEM ZUM VERARBEITEN EINES VIDEOSIGNALES UBER SERIELL MITEINANDER VERBUNDENE CHIP-KARTEN MIT HOCHGESCHWINDIGKEITSSIGNALVERARBEITUNG

SYSTEME DE TRAITEMENT D'UN SIGNAL VIDEO AU MOYEN DE CARTES A PUCES A TRAITEMENT DE SIGNAUX HAUTE VITESSE CONNECTEES EN SERIE

PATENT ASSIGNEE:

THOMSON CONSUMER ELECTRONICS, INC., (1066932), 10330 North Meridian St,
Indianapolis, IN 46290-1024, (US), (Proprietor designated states: all)

INVENTOR:

CHANEY, John, William, 18019 Sunridge Circle, Noblesville, IN 46060, (US)

LEGAL REPRESENTATIVE:

Ruellan-Lemonnier, Brigitte (47342), THOMSON multimedia, 46 quai A. Le Gallo, 92648 Boulogne Cedex, (FR)
 PATENT (CC, No, Kind, Date): EP 878088 A2 981118 (Basic)
 EP 878088 B1 000126
 WO 9607267 960307
 APPLICATION (CC, No, Date): EP 95928741 950804; WO 95US9891 950804
 PRIORITY (CC, No, Date): US 292830 940819
 DESIGNATED STATES: DE; ES; FR; GB; IE; IT; SE
 INTERNATIONAL PATENT CLASS: H04N-001/00; H04N-007/167
 NOTE:

No A-document published by EPO
 LANGUAGE (Publication,Procedural,Application): English; English; English
 FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200004	1047
CLAIMS B	(German)	200004	965
CLAIMS B	(French)	200004	1197
SPEC B	(English)	200004	9247
Total word count - document A			0
Total word count - document B			12456
Total word count - documents A + B			12456

...SPECIFICATION in EMM data that corresponds to the identification information stored in the particular smart card. **ECM** includes data such as initialization data needed to generate descrambling keys. Thus, a signal for a **particular program** includes both a scrambled data component comprising video and audio data, and a control information component comprising **EMM** and **ECM**.

When the user wishes to access a pay- TV service, smart card 180 in Figure 1 is inserted into card reader 190. Card reader...

38/3,K/7 (Item 7 from file: 348)
 DIALOG(R)File 348:EUROPEAN PATENTS
 (c) 2004 European Patent Office. All rts. reserv.

00761661

**SMART CARCD, SIGNAL PROCESSING APPARATUS AND METHOD FOR SIGNAL PROCESSING
 CHIPKARTE, SIGNALVERARBEITUNGSGERAT UND VERFAHREN ZUR SIGNALVERARBEITUNG
 CARTE INTELLIGENTE, APPAREIL ET PROCEDE DE TRAITEMENT DE SIGNAUX**
 PATENT ASSIGNEE:

THOMSON CONSUMER ELECTRONICS, INC., (1066932), 10330 North Meridian St, Indianapolis, IN 46290-1024, (US), (Proprietor designated states: all)
 INVENTOR:

CHANEY, John, William, 18019 Sunridge Circle, Noblesville, IN 46060, (US)
 LEGAL REPRESENTATIVE:

Ruellan-Lemonnier, Brigitte (47342), THOMSON multimedia, 46 quai A. Le Gallo, 92648 Boulogne Cedex, (FR)

PATENT (CC, No, Kind, Date): EP 782807 A1 970709 (Basic)
 EP 782807 B1 011114
 WO 9606504 960229

APPLICATION (CC, No, Date): EP 95928755 950804; WO 95US9953 950804
 PRIORITY (CC, No, Date): US 292830 940819
 DESIGNATED STATES: AT; DE; ES; FR; GB; IE; IT; NL; PT; SE
 INTERNATIONAL PATENT CLASS: H04N-007/167; G07F-007/10
 NOTE:

No A-document published by EPO
 LANGUAGE (Publication,Procedural,Application): English; English; English
 FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS B	(English)	200146	997
CLAIMS B	(German)	200146	907
CLAIMS B	(French)	200146	1148
SPEC B	(English)	200146	7140
Total word count - document A			0
Total word count - document B			10192
Total word count - documents A + B			10192

...SPECIFICATION in EMM data that corresponds to the identification information stored in the particular smart card. **ECM** includes data such as initialization data needed to generate descrambling keys. Thus, a signal for a **particular program** includes both a scrambled data component comprising video and audio data, and a control information component comprising **EMM** and **ECM**.

When the user wishes to access a pay-TV service, smart card 180 in Figure 1 is inserted into card reader 190. Card reader...

38/3,K/8 (Item 8 from file: 348)
 DIALOG(R)File 348:EUROPEAN PATENTS
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00733570

CONDITIONAL ACCESS INFORMATION ARRANGEMENT
INFORMATIONSANORDNUNG FUR BEDINGTEN ZUGANG
STRUCTURES D'INFORMATIONS A ACCES CONDITIONNEL

PATENT ASSIGNEE:

THOMSON CONSUMER ELECTRONICS, INC., (1066932), 10330 North Meridian St, Indianapolis, IN 46290-1024, (US), (applicant designated states: DE;ES;FR;GB;IT)

INVENTOR:

TAMER, Gregory, George, 8447 Castle Ridge Lane, Indianapolis, IN 46256, (US)

DEISS, Michael, Scott, 1103 Indian Pipe Lane, Zionsville, IN 46077, (US)

CHANEY, John, William, 18019 Sunridge Circle, Noblesville, IN 46060, (US)

HAILEY, James, Edwin, 7239 Creekside Lane, Indianapolis, IN 46250, (US)

LEGAL REPRESENTATIVE:

Ruellan-Lemonnier, Brigitte et al (47342), THOMSON multimedia, 46 quai A. Le Gallo, 92648 Boulogne Cedex, (FR)

PATENT (CC, No, Kind, Date): EP 756801 A1 970205 (Basic)
 EP 756801 B1 981014
 WO 9529560 951102

APPLICATION (CC, No, Date): EP 95914142 950315; WO 95US3540 950315

PRIORITY (CC, No, Date): US 232794 940422

DESIGNATED STATES: DE; ES; FR; GB; IT

INTERNATIONAL PATENT CLASS: H04N-007/16; H04N-007/167;

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9842	759
CLAIMS B	(German)	9842	764
CLAIMS B	(French)	9842	956
SPEC B	(English)	9842	7928
Total word count - document A			0
Total word count - document B			10407
Total word count - documents A + B			10407

...SPECIFICATION programmed with, for example, the area code and telephone

exchange of the receiver location. The **EMM** may include data, which when processed by the smart card, will entitle or deny reception of **particular programs** in **particular** area codes.

The **program** provider may want the ability to entitle certain subscribers with very short lead time, as for example for **pay - per - view programs**. The identification of **particular** subscribers may not be available until shortly before airing of the **particular program**. With such short lead time it may not be possible to program **EMM** 's on a subscriber basis. A further layer of coding may be instantly impressed on ...

...is invited to review Section 25 of THE SATELLITE BOOK, A COMPLETE GUIDE TO SATELLITE **TV** THEORY AND PRACTICE,.

The matched filter or E-code decoder is arranged to perform a second function, which is to detect **particular** MPEG **video** headers. These headers are 32-bit start codes, (which is the reason the headers of **entitlement** payloads are coded in 32-bit groups). If video data is lost, an MPEG video decoder can only restart decompressing **video** data at **particular** data entry points. These entry points coincide with MPEG start codes. The decoder may be...

38/3,K/9 (Item 9 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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00587487

Four-lines serial bus
Serieller vieradriger Bus
Bus serie a quatre lignes

PATENT ASSIGNEE:

THOMSON multimedia, (1090172), 46 quai A. Le Gallo, 92648 Boulogne Cedex, (FR), (applicant designated states: DE;ES;FR;GB;IT)

INVENTOR:

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Gauche, Laurent, 131A route de Lyon, F-67400 Illkirch-Graf, (FR)
Vine, Francis, 4, Park View, Winchmore Hill, London N21 1QX, (GB)

LEGAL REPRESENTATIVE:

Hartnack, Wolfgang, Dipl.-Ing. et al (78102), Deutsche Thomson-Brandt GmbH Licensing & Intellectual Property, Gottinger Chaussee 76, 30453 Hannover, (DE)

PATENT (CC, No, Kind, Date): EP 577006 A1 940105 (Basic)
EP 577006 B1 981216

APPLICATION (CC, No, Date): EP 93110081 930624;

PRIORITY (CC, No, Date): EP 92401847 920629; EP 92403310 921207

DESIGNATED STATES: DE; ES; FR; GB; IT

INTERNATIONAL PATENT CLASS: G06F-013/42;

ABSTRACT WORD COUNT: 237

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9851	844
CLAIMS B	(German)	9851	781
CLAIMS B	(French)	9851	951
SPEC B	(English)	9851	5833
Total word count - document A			0
Total word count - document B			8409
Total word count - documents A + B			8409

...SPECIFICATION to the user. The PNUMB sub-field can be used to associate a customer's **pay - per - view** agreement with a **particular programme**

The various combinations of NOENT, NOCRED and RPPV/x are as follows:
The odd/even control word sub-fields are coded as follows:

Input **EMM** -U
DECODER --> CASS

Command Type: 4
CASS --> DECODER

Response Type: 4 The INDMES sub-field...

38/3,K/10 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00782238 **Image available**

VDSL MULTIPLE SERVICE PROVIDER INTERFACE

INTERFACE VDSL (LIGNE D'ABONNE NUMERIQUE A GRAND DEBIT) POUR FOURNISSEURS DE SERVICES MULTIPLES

Patent Applicant/Assignee:

QWEST COMMUNICATIONS INTERNATIONAL INC, 1801 California Street, 38th floor, Denver, CO 80202, US, US (Residence), US (Nationality)

Inventor(s):

BRODIGAN Donald L, 6281 W. 110th Avenue, Broomfield, CO 80020, US,

Legal Representative:

SMITH Ralph E (et al) (agent), Brooks & Kushman, 22nd floor, 1000 Town Center, Southfield, MI 48075, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200115372 A2-A3 20010301 (WO 0115372)

Application: WO 2000US18434 20000705 (PCT/WO US0018434)

Priority Application: US 99379412 19990824

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 3342

Fulltext Availability:
Detailed Description

Detailed Description

... data VPI/VCI assignments including the data rate. For example, when authorized by a VIP, **PPV** and IPPV entitlements are sent from the VIP entitlement manager to the network entitlement manager, and forwarded to the BDT for addition to the customer **entitlement** profile.

ACC4000D command sets supported across the business system

interface to the network **entitlement** manager include the following: 001 Synchronization; 602 Date/Time sequence **number** synchronization; 630 download (ADD)/digital **events** ; 631 Download (Modify) digital events; 633 Download (Delete) digital events; 660 Add new STB; 662...

38/3,K/11 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00509367 **Image available**

CONFIGURING METHOD AND DEVICE

PROCEDE ET DISPOSITIF DE CONFIGURATION

Patent Applicant/Assignee:

CANAL+ SOCIETE ANONYME,
MERIC Jerome,
DECLERCK Christophe,
LETOURNEUR Patrice,

Inventor(s):

MERIC Jerome,
DECLERCK Christophe,
LETOURNEUR Patrice,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9940719 A1 19990812
Application: WO 99IB274 19990203 (PCT/WO IB9900274)
Priority Application: EP 98400240 19980204

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN
MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU
ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE
DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR
NE SN TD TG

Publication Language: English

Fulltext Word Count: 13078

Fulltext Availability:

Detailed Description

Detailed Description

... to the conditional access system selected using the CALL-SELECT command necessary to manage the **ECM** . Such information typically includes an identification of the conditional access system, the session number of a **PPV event** , and the index **number** of a **PPV event** .

The CA device 4100 assigns an identifier "DESCR-ID" for the PID of the **ECM** and returns to the application, via device manager 4068, an address of the memory zone...

38/3,K/12 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

00376181 **Image available**

TIME-SHIFTED CONDITIONAL ACCESS

ACCES CONDITIONNEL A DECALAGE TEMPOREL

Patent Applicant/Assignee:

PHILIPS ELECTRONICS N V,
PHILIPS NORDEN AB,
Inventor(s):
KAMPERMAN Franciscus Lucas Antonius Johannes,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9716924 A1 19970509
Application: WO 96IB1137 19961023 (PCT/WO IB9601137)
Priority Application: NL 95202980 19951031
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
JP KR AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 5631

Fulltext Availability:
Claims

Claim

... For example, the pay-TV operator may determine the number of times the recorded pay- **TV** program may be viewed, in the following manner. The pay- **TV** operator may convey an **entitlement** management **message** **EMM** to the security device SCD, which
t:)
sets the condition "no more than 5 viewings of the pay- **TV** **program** recorded". To count the **number** of viewings, the security device SCD may comprise software for program
In
identification and counting. If the security device SCD establishes that a pay- **TV** program is to be viewed for the sixth time, it inhibits the supply of control...

38/3,K/13 (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00324759

SYSTEM FOR PROCESSING A VIDEO SIGNAL VIA SERIES-CONNECTED HIGH SPEED SIGNAL PROCESSING SMART CARDS
SYSTEME DE TRAITEMENT D'UN SIGNAL VIDEO AU MOYEN DE CARTES A PUCES A TRAITEMENT DE SIGNAUX HAUTE VITESSE CONNECTEES EN SERIE

Patent Applicant/Assignee:

THOMSON CONSUMER ELECTRONICS INC,
CHANEY John William,

Inventor(s):

CHANEY John William,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9607267 A2 19960307
Application: WO 95US9891 19950804 (PCT/WO US9509891)
Priority Application: US 94292830 19940819

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP
KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ
TM TT UA UG US UZ VN KE MW SD SZ UG AT BE CH DE DK ES FR GB GR IE IT LU
MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 11033

Fulltext Availability:
Detailed Description

Detailed Description

... in EMM data that corresponds to the identification information stored in the particular smart card. **ECM** includes data such as initialization data needed to generate descrambling keys. Thus, a signal for a **particular** **1 5 program** includes both a scrambled data component comprising video and audio data, and a control information component comprising **EMM** and **ECM**.

When the user wishes to access a pay- **TV** service, smart card 180 in Figure 1 is inserted into card reader 190. Card reader...

38/3,K/14 (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00323996 **Image available**

SMART-CARD BASED ACCESS CONTROL SYSTEM WITH IMPROVED SECURITY
SYSTEME D'AUTORISATION D'ACCES UTILISANT DES CARTES INTELLIGENTES, A
SECURITE AMELIOREE

Patent Applicant/Assignee:

THOMSON CONSUMER ELECTRONICS INC,
CHANEY John William,

Inventor(s):

CHANEY John William,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9606504 A1 19960229

Application: WO 95US9953 19950804 (PCT/WO US9509953)

Priority Application: US 94292830 19940819

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP
KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ
TM TT UA UG US UZ VN KE MW SD SZ UG AT BE CH DE DK ES FR GB GR IE IT LU
MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 8410

Fulltext Availability:
Detailed Description

Detailed Description

... in EMM data that corresponds to the identification information stored in the particular smart card. **ECM** includes data such as initialization data needed to generate descrambling keys. Thus, a signal for a **particular** **program** includes both a scrambled data component comprising video and audio data, and a control information component comprising **EMM** and **ECM**.

When the user wishes to access a pay- **TV** service, smart card 180 in Figure I is inserted into card reader 190. Card reader...

38/3,K/15 (Item 6 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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00311408

CONDITIONAL ACCESS INFORMATION ARRANGEMENT
STRUCTURES D'INFORMATIONS A ACCES CONDITIONNEL

Patent Applicant/Assignee:

THOMSON CONSUMER ELECTRONICS INC,

Inventor(s):

TAMER Gregory George,

DEISS Michael Scott,

CHANEY John William,

HAILEY James Edwin,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9529560 A1 19951102

Application: WO 95US3540 19950315 (PCT/WO US9503540)

Priority Application: US 94794 19940422

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

BR CA CN JP KR MX SG AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 9646

Fulltext Availability:

Detailed Description

Detailed Description

... programmed with, for
example, the area. code and telephone exchange of the receiver
location. The **EMM** may include data, which when processed by
the smart card, will entitle or deny reception of **particular**
programs in **particular** area codes.

The **program** provider may want the ability to entitle
certain subscribers with very short lead time, as for example for
pay - per - view programs. The identification of particular
I 0 subscribers may not be available until shortly before airing of the
particular program . With such short lead time it may not be
possible to program **EMM** 's on a subscriber basis. A further layer
of coding may be instantly impressed on...

43/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00857357

TIME-SHIFTED CONDITIONAL ACCESS
ZEITVERSCHOBENER BEDINGTER ZUGANG
ACCES CONDITIONNEL A DECALAGE TEMPOREL

PATENT ASSIGNEE:

Koninklijke Philips Electronics N.V., (1489041), Groenewoudseweg 1, 5621
BA Eindhoven, (NL), (Proprietor designated states: all)

INVENTOR:

KAMPERMAN, Franciscus, Lucas, Antonius, Johannes, Prof. Holstlaan 6,
NL-5656 AA Eindhoven, (NL)

LEGAL REPRESENTATIVE:

Schoenmaker, Maarten et al (80492), Philips Intellectual Property &
Standards P.O. Box 220, 5600 AE Eindhoven, (NL)

PATENT (CC, No, Kind, Date): EP 800745 A1 971015 (Basic)
EP 800745 B1 030917
WO 97016924 970509

APPLICATION (CC, No, Date): EP 96933569 961023; WO 96IB1137 961023

PRIORITY (CC, No, Date): EP 95202980 951031

DESIGNATED STATES: DE; ES; FR; GB; IT

INTERNATIONAL PATENT CLASS: H04N-007/167; H04K-001/04

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200338	512
CLAIMS B	(German)	200338	492
CLAIMS B	(French)	200338	579
SPEC B	(English)	200338	5279
Total word count - document A			0
Total word count - document B			6862
Total word count - documents A + B			6862

...SPECIFICATION receiving end comprises a security device. The security device performs operations which relate to the **entitlement** of a receiving end, i.e. it executes pay **TV** operator commands. The operations include decryption of encrypted control words and, if appropriate, decryption of **entitlement** management **messages EMM**. The security device may also perform other operations concerning conditions which limit the right of...are housed in a tamper-resistant integrated circuit TRIC. Accordingly, digital recording of any pay- **TV** program is hindered, because the digital video signal DV cannot be easily accessed. The security device SCD decrypts the **entitlement control messages ECM** and **entitlement** management **message EMM** supplied thereto by the demultiplexer DMX. The decryption of the entitlement management message EMM...

...the transport stream TS. Thus, the video tape recorder VTR may digitally record any pay- **TV** program in a scrambled form, together with the accompanying **entitlement control messages ECM**. When the recorded pay- **TV** program is played back, a recorded transport stream TS-R is supplied to the demultiplexer...

...TS is recorded, the following problem may occur in trying to view the recorded pay- **TV** program. At the time the recorded pay- **TV** program is played back, an **entitlement** management **message EMM** may have been

the descrambler DSC.

The invention, which is applied in the pay- TV system described above, provides the advantage that the pay-TV operator is effectively the "master...

...This means that the pay-TV operator can inhibit any viewing of the recorded pay- TV program if he so desires. The control words CW-R, needed for viewing the recorded pay- TV program, are retrieved from the recorded **entitlement control** messages ECM -R and the recorded key-related data KRD-R, in the security device SCD. It is the TV operator who controls the operations in the security device SCD. Thus, he may impose conditions...

...For example, the pay-TV operator may determine the number of times the recorded pay- TV program may be viewed, in the following manner. The pay- TV operator may convey an **entitlement management message EMM** to the security device SCD, which sets the condition "no more than 5 viewings of the pay- TV program recorded". To count the **number** of viewings, the security device SCD may comprise software for program identification and counting. If...

...condition, which the pay-TV operator may impose, is the period during which the pay- TV program may be viewed. Again, this condition may be conveyed to the security device SCD by means of an **entitlement management message EMM**. The security device SCD may comprise software to determine the age of the program which is supplied to the security device SCD. The above-mentioned time-stamped **messages**, for example comprised in the **entitlement control messages ECM**, can be used for that purpose.

The invention further provides the advantage that, in principle, the recorded pay- TV program can be viewed only if the security device SCD which was used for recording...does not lend his security device SCD, the friend in question must request the pay- TV operator to grant him a viewing **entitlement**.

In addition, the invention provides the advantage that the recorded pay- TV programs are copyright-protected. It will be clear from the foregoing that any copy of...

43/3,K/2 (Item 1 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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01136648 **Image available**

DIVIDED RIGHTS IN AUTHORIZED DOMAIN

DROITS DIVISES EN DOMAINE AUTORISE

Patent Applicant/Assignee:

KONINKLIJKE PHILIPS ELECTRONICS N V, Groenewoudseweg 1, NL-5621 BA
Eindhoven, NL, NL (Residence), NL (Nationality), (For all designated
states except: US)

Patent Applicant/Inventor:

KAMPERMAN Franciscus L A J, c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven,
NL, NL (Residence), NL (Nationality), (Designated only for: US)

SCHRIJEN Geert J, c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL, NL
(Residence), NL (Nationality), (Designated only for: US)

VAN DEN HEUVEL Sebastiaan A F A, c/o Prof. Holstlaan 6, NL-5656 AA
Eindhoven, NL, NL (Residence), NL (Nationality), (Designated only for:
US)

Legal Representative:

GROENENDAAL Antonius W M (agent), Philips Intellectual Property &

Standards, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200459451 A1 20040715 (WO 0459451)
Application: WO 2003IB5725 20031121 (PCT/WO IB03005725)
Priority Application: EP 200280568 20021230
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC
SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 5915

Fulltext Availability:
Detailed Description

Detailed Description

... rights to content should be clearly defined and protected. For
example, in the domain of **TV** systems, a content right (also called **ECM**
in pay- **TV** context) describes what is allowed with said content, and a
usage right (also called ENIM in pay- **TV** context) authorizes a person to
use a certain content right, and can also describe what...

43/3,K/3 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00814195 **Image available**

CONDITIONAL ACCESS SYSTEM

SYSTEME A ACCES CONDITIONNEL POUR COMMANDER L'ACCES A UN CONTENU DE DONNEES

Patent Applicant/Assignee:

KONINKLIJKE PHILIPS ELECTRONICS N V, Groenewoudseweg 1, NL-5621 BA
Eindhoven, NL, NL (Residence), NL (Nationality)

Inventor(s):

VAN RIJNSOEVER Bartholomeus J, Prof. Holstlaan 6, NL-5656 AA Eindhoven,
NL,

KAMPERMAN Franciscus L A, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,
GOUSMITS Mathieu P F M, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,

Legal Representative:

GRAVENDEEL Cornelis (agent), Internationaal Octrooibureau B.V., Prof
Holstlaan 6, NL-5656 AA Eindhoven, NL,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200147266 A2-A3 20010628 (WO 0147266)

Application: WO 2000EP12383 20001208 (PCT/WO EP0012383)

Priority Application: EP 99204470 19991222

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

JP KR

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Publication Language: English

Filing Language: English

Fulltext Word Count: 2043

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... storing the bought entitlements at the end-user.

In conditional access systems several types of **entitlements** exist.

A subscription **entitlement** gives access to a (range of) service(s), while a **payper - view (PPV) entitlement** gives access to a (range of) specific program(s) in a service. A **PPV - entitlement** could be considered as a limited subscription **entitlement**.

As shown in the figure the uplink system I of the conditional access system comprises an **ECM** generator 2 to the inputs of which a scene number generator 3 and a control...

...is provided, which comprises an ECM decoder IO. The smart card 9 has a **PPU entitlement** part I comprising a scene number storage 12 and a scene counter 13. The divisible **PPV - entitlement** part 14 of the smart card 9 comprises a scene number storage 15. A content...

...indicates that the scene counter decrements if the scene is accessed.

In case of divisible **PPV** and sequential scene numbers the control word is provided to the descrambler 8 in the receiver 7 if there is a match between **ECM** and stored entitlement and if the scene number in the **ECM** is not lower than the scene number recorded in the **entitlement**. Also, the scene number of the **ECM** is recorded in the divisible **PPV entitlement** part. If the scene number in the **ECM** is lower than the scene number in the **entitlement** part, then the end-user tries to access the same scene for the second time...

Claim

... Smart card suitable for a conditional access system according to claim 1, comprising a divisible **pay - per - view entitlement** part including a scene number storage.

16 Smart card suitable for a conditional access system...

43/3,K/4 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00376181 **Image available**

TIME-SHIFTED CONDITIONAL ACCESS

ACCES CONDITIONNEL A DECALAGE TEMPOREL

Patent Applicant/Assignee:

PHILIPS ELECTRONICS N V,
PHILIPS NORDEN AB,

Inventor(s):

KAMPERMAN Franciscus Lucas Antonius Johannes,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9716924 A1 19970509

Application: WO 96IB1137 19961023 (PCT/WO IB9601137)

Priority Application: NL 95202980 19951031

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

JP KR AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 5631

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... IB96/01137 comprises a security device. The security device performs operations which relate to the **entitlement** of a receiving end, i.e. it executes pay **TV** operator commands. The operations include decryption of encrypted control words and, if appropriate, decryption of **entitlement** management **messages EMM**. The security device may also perform other operations concerning conditions which limit the right of...

Claim

... are housed in a tamper-resistant integrated circuit TRIC. Accordingly, digital recording of any pay- **TV** program is hindered, because the digital video signal DV cannot be easily accessed.

The security device SCD decrypts the **entitlement control messages ECM**

and **entitlement** management **message EMM** supplied thereto by the demultiplexer DMX. The decryption of the entitlement management message EMM...the transport stream TS. Thus, the video tape recorder VTR may digitally record any pay- **TV** program in a scrambled form, together with the accompanying **entitlement control messages ECM**. When the recorded pay- **TV** program is played back, a recorded transport stream TS-R is supplied to the demultiplexer...

...TS is recorded, the following problem may occur in trying to view the recorded pay- **TV** program. At the time the recorded pay- **TV** program is played back, an **entitlement** management **message EMM** may have been conveyed to the security device SCD since the time when the recording...

...new authorization key. Consequently, the security device SCD will not be able to retrieve proper **control** words CW from the recorded **entitlement control messages ECM** -R supplied thereto. In the Fig. 1 pay- **TV** system, the security device SCD provides keyrelated data KRD, when the pay- **TV** program is recorded. The key-related data KRD is combined with the transport stream TS...

...pay-TV system. In Fig. 2a, the operations which are required to view a pay- **TV** program at the time of its transmission are indicated in relatively thin lines. A decryption DMM of an **entitlement** management **message EMM**, conveyed to the security device SCD, provides an authorization key AK. A writing WKT of...performed in the security device SCD, in a third implementation of the Fig. 1 pay- **TV** system. Relatively thin-lined operations in Fig. 4a are identical to those in Fig. 2a. In Fig. 4a, a writing WMM of an **entitlement** management **message EMM**, which is conveyed to the security device SCD, into the memory MEM takes place...

...entitlement management message EMM is stored, which result comprises the authorization key AK, but the **entitlement** management **message EMM** itself is not stored. Subject to the condition of the identification of

may be conveyed to the security device SCD by means of an entitlement management **message EMM** . The security device SCD may comprise software to determine the age of the program which is supplied to the security device SCD. The above-mentioned time-stamped **messages** , for example comprised in the **entitlement control messages ECM** , can be used for that purpose.

The invention further provides the advantage that, in principle, the recorded pay- **TV** program can be viewed only if the security device SCD which was used for recording...

...does not lend his security device SCD, the friend in question must request the pay- **TV** operator to grant him a viewing **entitlement** . In addition, the invention provides the advantage that the recorded pay- **TV** programs are copyright-protected. It will be clear from the foregoing that any copy of...

File 344:Chinese Patents Abs Aug 1985-2004/May
(c) 2004 European Patent Office
File 347:JAPIO Nov 1976-2004/Aug(Updated 041203)
(c) 2004 JPO & JAPIO
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200482
(c) 2004 Thomson Derwent

Set	Items	Description
S1	378	ENTITLE()MENT OR ENTITLEMENT??
S2	1182	ENTITLEMENT(3N)MESSAGE?? OR ENTITLEMENT(3N) (CONTROL?? OR M-ANANGEMENT??) (3N)MESSAG?? OR ECM OR EMM
S3	15882	RANGE??(7N) (PREVIEW?? OR STORYLINE? OR PLOT?? OR STORY()LINE? OR TRAILER?? OR CLIP?? OR CLIPPING?? OR VIDEO?? OR PROGRAM?? OR MOVIE?? OR FILM?? OR EVENT??)
S4	66693	(SPECIFIC?? OR PARTICULAR?? OR SELECTED) (7N) (PREVIEW?? OR -STORYLINE? OR PLOT?? OR STORY()LINE? OR TRAILER?? OR CLIP?? OR CLIPPING?? OR VIDEO?? OR PROGRAM?? OR MOVIE?? OR FILM?? OR E-VENT??)
S5	27281	NUMBER??(5N) (PREVIEW?? OR STORYLINE? OR PLOT?? OR STORY()L-INE? OR TRAILER?? OR CLIP?? OR CLIPPING?? OR VIDEO?? OR PROGR-AM?? OR MOVIE?? OR FILM?? OR EVENT??)
S6	119030	TV OR WEBTV OR INTERNET()TV OR (WEB OR INTERNET??) (2N) (TV -OR TELEVISION?? OR TELE()VISION??) OR PC??()TV?? OR PCTV OR V-OD OR VIDEO(3N)DEMAND?? OR ONDEMAN?? OR ON()DEMAND??
S7	415126	PPV OR PAY()PER()VIEW?? OR PAYPER()VIEW?? OR PAY()PERVIEW?? OR CABLE?? OR CATV??OR VIDEO??(3N) (DITRIBUT???? OR DOWNLOAD?? OR DOWN()LOAD??)
S8	38	AU=(KAMPERMAN F? OR KAMPERMAN, F? OR VAN RIJNSOEVER B? OR -VAN RIJNOEVER, B? OR VAN-RIJNSOEVER B? OR VAN-RIJNOEVER, B? OR GOUDSMITS M? OR GOUDSMITS, M?)
S9	1	S2 AND S3 AND (S6 OR S7)
S10	4	S2 AND (S4 OR S5) AND (S6 OR S7)
S11	1	S2 AND S3
S12	3	S10 NOT S9
S13	0	S11 NOT S10
S14	1	S2 AND S3
S15	0	S14 NOT S9
S16	2	S1 AND S3
S17	1	S16 NOT S10
S18	15	S2 AND S4
S19	12	S18 NOT (S10 OR S16)
S20	0	S19 AND (S6 OR S7)
S21	8	S19 NOT AD=19991222:20010105/PR
S22	4	S21 NOT AD=20010105:20050105/PR
S23	11	S1 AND S4
S24	4	S23 NOT (S10 OR S16 OR S18)
S25	6	S2 AND S5
S26	5	S25 NOT (S10 OR S16 OR S18 OR S24)
S27	0	S26 AND (S6 OR S7)
S28	4	S1 AND S5
S29	2	S28 NOT (S10 OR S16 OR S18 OR S24 OR S26)
S30	0	S29 NOT (TELEPHONE? OR REAL()ESTATE??)
S31	7	S8 AND (S1 OR S2)
S32	1	S31 AND (S3 OR S4 OR S5)
S33	0	S32 NOT (S28 OR S10 OR S16 OR S18 OR S24 OR S26)
S34	6	S31 NOT (S32 OR S28 OR S10 OR S16 OR S18 OR S24 OR S26)
S35	2	S34 AND (S6 OR S7)
S36	4	S34 NOT S35

9/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

014358575 **Image available**

WPI Acc No: 2002-179276/200223

XRPX Acc No: N02-136381

**Conditional access system e.g. for satellite and cable TV systems
where more user influence is allowed in content control and selection**
Patent Assignee: KONINK PHILIPS ELECTRONICS NV (PHIG); GOUDSMITS M P F M
(GOUD-I); KAMPERMAN F L A J (KAMP-I); VAN RIJNSOEVER B J (VRIJ-I)
Inventor: GOUDSMITS M P F M; KAMPERMAN F L A J; VAN RIJNSOEVER B J
Number of Countries: 029 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200147265	A1	20010628	WO 2000EP12382	A	20001208	200223 B
EP 1161835	A1	20011212	EP 2000989961	A	20001208	200223
			WO 2000EP12382	A	20001208	
US 20010014970	A1	20010816	US 2000741916	A	20001220	200223
KR 2001102312	A	20011115	KR 2001710660	A	20010822	200231
JP 2003533075	W	20031105	WO 2000EP12382	A	20001208	200377
			JP 2001547867	A	20001208	

Priority Applications (No Type Date): EP 99204469 A 19991222

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200147265	A1	E	10	H04N-007/16	
				Designated States (National): JP KR	
				Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR	
EP 1161835	A1	E		H04N-007/16	Based on patent WO 200147265
				Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR	
US 20010014970	A1			H04N-007/16	
KR 2001102312	A			H04N-007/167	
JP 2003533075	W		13	H04N-007/167	Based on patent WO 200147265

**Conditional access system e.g. for satellite and cable TV systems
where more user influence is allowed in content control and selection**

Abstract (Basic):

... The uplink system includes a content scrambler, an **entitlement control message** generator, and a transmitter for transmitting scrambled content. At the receiver an **entitlement control message** decoder supplies a **control** word to the descrambler for descrambling a part of the received scrambled content for which...

... The receiver receives and stores a meta-entitlement of the end-user, which includes an **event number range**. A **control** word from the **entitlement control message** is supplied to the descrambler if the **entitlement** identification in the **entitlement control message** matches the actual **entitlement**.

...transmitted from a data content source in an uplink system e.g. for satellite and **cable TV** systems

...Title Terms: **CABLE** ;

?

12/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

015574751 **Image available**

WPI Acc No: 2003-636908/200360

Related WPI Acc No: 2000-672590; 2003-311631; 2003-331360; 2003-429690;
2003-492021; 2003-556633; 2003-598999; 2003-618801; 2003-709140;
2003-744465; 2003-778053; 2003-801037; 2003-801549; 2003-801728;
2003-854288; 2003-875004; 2004-031547; 2004-281382; 2004-281385;
2004-303692; 2004-303895; 2004-303896; 2004-339901; 2004-697671

XRFX Acc No: N03-506623

**Decoding and decryption of partially encrypted information such as
television programs uses set top box to decode combined clear audio and
audio encrypted using two systems**

Patent Assignee: SONY ELECTRONICS INC (SONY)

Inventor: CANDELORE B L; PEDLOW L M; UNGER R A

Number of Countries: 102 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200365724	A1	20030807	WO 2002US40045	A	20021213	200360 B
AU 2002367531	A1	20030902	AU 2002367531	A	20021213	200426
EP 1461950	A1	20040929	EP 2002806702	A	20021213	200463
			WO 2002US40045	A	20021213	
KR 2004070299	A	20040806	KR 2004710483	A	20040702	200480

Priority Applications (No Type Date): CA 2406329 A 20021001; US 200237498 A
20020102

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200365724 A1 E 46 H04N-007/16

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU
ZA ZM ZW

Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB
GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SI SK SL SZ TR TZ UG ZM
ZW

AU 2002367531 A1 H04N-007/16 Based on patent WO 200365724

EP 1461950 A1 E H04N-007/16 Based on patent WO 200365724

Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

KR 2004070299 A H04N-007/167

Abstract (Basic):

... mode audio is multiplexed with the encrypted audio from system
(124), system information (128) and **program specific** information
(129) and the signal is delivered via a **cable** system (32) to set top
boxes (36,136) and can be decrypted by conditional access systems
(40,140) for playing on **TV** sets (44,144). **Entitlement control
messages** provide authorized set top boxes with access criteria and
de-scrambling keys.

... included for an electronic storage medium with instructions, for
an electronic transmission medium, for a **TV** device, for a content
player and for a set top box...

...Decoding and decrypting of partially encrypted **TV** information...

... **Cable** system (32)

12/3,K/2 (Item 2 from file: 350)
 DIALOG(R) File 350:Derwent WPIX
 (c) 2004 Thomson Derwent. All rts. reserv.

012115505 **Image available**

WPI Acc No: 1998-532417/199845

Related WPI Acc No: 1998-363264; 1998-363265; 1998-363266; 1998-363267;
 1998-483347; 1998-483348; 1998-483351; 1998-521657; 1998-532203;
 1998-532205; 1998-532207; 1998-532416; 1998-532419; 1998-532420;
 1998-532421; 1998-534103; 2003-559619

XRPX Acc No: N98-415424

**Conditional access system for subscription broadcasting, e.g. pay - per
 - view satellite television - subscriber's set-top decoder communicates
 directly, via a dedicated link, with a subscriber authorisation system,
 so that request for selected programme can be authorised**

Patent Assignee: CANAL+ SA (CANA-N); BAYASSI M (BAYA-I); DE LA TULLAYE P
 (DTUL-I); JEZEQUEL J (JEZE-I)

Inventor: BAYASSI M; DE LA TULLAYE P; JEZEQUEL J

Number of Countries: 078 Number of Patents: 016

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9843426	A1	19981001	WO 97EP2108	A	19970425	199845 B
ZA 9703605	A	19981028	ZA 973605	A	19970425	199848
AU 9727704	A	19981020	AU 9727704	A	19970425	199909
NO 9904532	A	19991119	WO 97EP2108	A	19970425	200006
			NO 994532	A	19990917	
EP 974229	A1	20000126	EP 97921751	A	19970425	200010
			WO 97EP2108	A	19970425	
CZ 9903310	A3	20000712	WO 97EP2108	A	19970425	200040
			CZ 993310	A	19970425	
CN 1254473	A	20000524	CN 97182179	A	19970425	200043
HU 200001482	A2	20000928	WO 97EP2108	A	19970425	200062
			HU 20001482	A	19970425	
KR 2000076400	A	20001226	WO 97EP2108	A	19970425	200134
			KR 99708503	A	19990917	
MX 9908539	A1	20000801	MX 998539	A	19990917	200137
JP 2001519124	W	20011016	WO 97EP2108	A	19970425	200176
			JP 98543219	A	19970425	
NZ 500198	A	20011130	NZ 500198	A	19970425	200207
			WO 97EP2108	A	19970425	
BR 9714601	A	20020910	BR 9714601	A	19970425	200269
			WO 97EP2108	A	19970425	
RU 2196389	C2	20030110	WO 97EP2108	A	19970425	200319
			RU 99121864	A	19970425	
US 20040068541	A1	20040408	WO 97EP2108	A	19970425	200426
			US 99400314	A	19990921	
			US 2000571011	A	20000515	
			US 2001780625	A	20010212	
			US 20017662	A	20011210	
			US 2002201641	A	20020724	
IL 131949	A	20040620	IL 131949	A	19970425	200446
			WO 97EP2108	A	19970425	

Priority Applications (No Type Date): EP 97400650 A 19970321

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9843426 A1 E 71 H04N-007/16

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU
 CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU

LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG
US UZ VN YU

Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GR IE IT
KE LS LU MC MW NL OA PT SD SE SZ UG

ZA 9703605 A 29 H04N-000/00

AU 9727704 A Based on patent WO 9843426

NO 9904532 A H04N-007/16

EP 974229 A1 E Based on patent WO 9843426

Designated States (Regional): AL AT BE CH DE DK ES FI FR GB GR IE IT LI
LT LU LV MC NL PT RO SE SI

CZ 9903310 A3 H04N-007/16 Based on patent WO 9843426

CN 1254473 A H04N-007/16

HU 200001482 A2 H04N-007/16 Based on patent WO 9843426

KR 2000076400 A H04N-007/16 Based on patent WO 9843426

MX 9908539 A1 H04N-007/16

JP 2001519124 W 72 H04N-007/16 Based on patent WO 9843426

NZ 500198 A H04N-007/14 Based on patent WO 9843426

BR 9714601 A H04N-007/16 Based on patent WO 9843426

RU 2196389 C2 H04H-009/00 Based on patent WO 9843426

US 20040068541 A1 G06F-015/16 Cont of application WO 97EP2108

Cont of application US 99400314

Cont of application US 2000571011

Cont of application US 2001780625

Cont of application US 20017662

IL 131949 A H04N-007/16 Based on patent WO 9843426

**Conditional access system for subscription broadcasting, e.g. pay - per
- view satellite television...**

**...communicates directly, via a dedicated link, with a subscriber
authorisation system, so that request for selected programme can be
authorised**

**...Abstract (Basic): from the decoder box or telephone are processed by the
subscriber authorisation system which generates entitlement
management messages (EMM) to allow encrypted programme data to be
decrypted for a particular subscriber. The EMMs are sent directly
back to the subscriber via the dedicated link...**

12/3,K/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

011686369 **Image available**

WPI Acc No: 1998-103279/199810

XPX Acc No: N98-082828

**Unauthorised use prevention method for distribution networks - involves
decoding encoded programme data with received control words, in which
control words or their cryptograms are passed to receivers encoded with
programme specific and network specific keys**

Patent Assignee: DEUT TELEKOM AG (DEBP)

Inventor: SCHWENK J

Number of Countries: 018 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 822719	A2	19980204	EP 97111417	A	19970705	199810 B
DE 19630707	A1	19980205	DE 1030707	A	19960730	199811

Priority Applications (No Type Date): DE 1030707 A 19960730

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 822719 A2 G 5 H04N-007/167

Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE

DE 19630707 A1 5 H04L-012/22

... control words, in which control words or their cryptograms are passed to receivers encoded with programme specific and network specific keys

...Abstract (Basic): The control words or their cryptograms are passed to the receivers, being encoded with appropriate programme specific and network specific keys...

...The encoded control words are decoded in the receivers, using programme specific and network specific keys, which are passed to authorised receivers. The encoded control words can be passed in an entitlement control message (ECM). There may also be a double encryption of the message...

...USE - For pay TV .

17/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014138763 **Image available**
WPI Acc No: 2001-622974/200172

**Method for managing and controlling entitlement in chargeable
broadcasting system for supporting various pay-per-view services**
Patent Assignee: KOREA ELECTRONICS & TELECOM RES INST (KOEL-N)
Inventor: CHO H S; CHO J M; EUN S G; KIM S H; KIM Y H
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
KR 2001047389 A 20010615 KR 9951590 A 19991119 200172 B

Priority Applications (No Type Date): KR 9951590 A 19991119

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
KR 2001047389 A 1 H04N-007/167

**Method for managing and controlling entitlement in chargeable
broadcasting system for supporting various pay-per-view services**

Abstract (Basic):

... A method for managing and controlling an **entitlement** in a
chargeable broadcasting system for supporting various pay-view services
is provided to classify...
... 22, 23, 24, 25, 26). Mask information(22) is a value for
deciding an application **range** of a theme ID(23) and an **event**
ID(24). The mask information(22) is identified with the sum of sizes of
two...
?

22/3,K/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

06357269 **Image available**
PROGRAM TRANSMITTER, PROGRAM RECEIVER AND PROGRAM TRANSMITTING METHOD

PUB. NO.: 11-298877 [JP 11298877 A]
PUBLISHED: October 29, 1999 (19991029)
INVENTOR(s): IHARA KIICHI
APPLICANT(s): SONY CORP
APPL. NO.: 10-094376 [JP 9894376]
FILED: April 07, 1998 (19980407)

ABSTRACT

... content by transmitting reference data before a prescribed time of transmission start of a receivable **specific program** by viewer's consent.

SOLUTION: A host processor 64 decides whether or not the start of a **specific program** is notified based on decode information **ECM** of a program itself outputted from a demultiplexer 69 and when the start of the **specific program** is notified, it retrieves electronic **program** guide EPG and acquires information on the notified **specific program**. Then, the processor 64 controls the operation of an EPG processor 71 according to the acquired **specific program** information and shows a message which introduces the **specific program** in a telop format, e.g. on a display screen according to a video signal SV. When the **specific program** is introduced in this way, the processor 64 executes audiovisual processing of the **specific program** when a user wants to view it by operating an operation element arranged on a...

22/3,K/2 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

013943264 **Image available**
WPI Acc No: 2001-427477/200146
XRPX Acc No: N01-317103

Semiconductor device for electric capacitor microphone, has electrode connected between input terminal of input transistor and insulating film

Patent Assignee: SANYO ELECTRIC CO LTD (SAOL)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000306923	A	20001102	JP 9961414	A	19990309	200146 B

Priority Applications (No Type Date): JP 9935974 A 19990215

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2000306923	A	8	H01L-021/337	

Abstract (Basic):

... insulating film. An electrode is connected between input terminal of input transistor and the insulating **film**. The **specific** resistance of the semiconductor layer provided on the lower portion of extension electrode, is 100...

... For electric capacitor microphone (**ECM**).

22/3,K/3 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

013010373

WPI Acc No: 2000-182225/200016

Related WPI Acc No: 1999-302255; 1999-571993; 2000-052944; 2000-062144;
2000-399323; 2000-579289; 2000-587307; 2002-362214; 2003-897910;
2004-021918; 2004-070610; 2004-625084; 2004-774790

XRAM Acc No: C00-056937

**Detecting catalytic activity of glycosidase, particularly to identify
inhibitors of heparinase, potentially useful e.g. as antimetastatic or
anti-inflammatory agents**

Patent Assignee: HADASIT MEDICAL RES SERVICES & DEV (HADA-N); INSIGHT
STRATEGY & MARKETING LTD (INSI-N); FRIEDMAN M M (FRIE-I); HADASIT MEDICAL
RES & DEV LTD (HADA-N)

Inventor: AYAL-HERSHKOVITZ M; BEN-ARTZI H; MIRON D; PECKER I; PELEG Y;
VLODAVSKY I

Number of Countries: 087 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200003036	A1	20000120	WO 99US15643	A	19990712	200016 B
AU 9948697	A	20000201	AU 9948697	A	19990712	200028
US 6190875	B1	20010220	US 97922170	A	19970902	200112
			US 98109386	A	19980702	
			US 98113168	A	19980710	
NO 200100136	A	20010309	WO 99US15643	A	19990712	200123
			NO 2001136	A	20010109	
EP 1097241	A1	20010509	EP 99932382	A	19990712	200128
			WO 99US15643	A	19990712	
JP 2002520029	W	20020709	WO 99US15643	A	19990712	200259
			JP 2000559256	A	19990712	
AU 758485	B	20030320	AU 9948697	A	19990712	200329

Priority Applications (No Type Date): US 98113168 A 19980710; US 97922170 A
19970902; US 98109386 A 19980702

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200003036	A1	E	69	C12Q-001/34	
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Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN
CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK
SL TJ TM TR TT UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW

AU 9948697	A				Based on patent WO 200003036
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US 6190875	B1			C12Q-001/34	CIP of application US 97922170 CIP of application US 98109386 CIP of patent US 5968822
------------	----	--	--	-------------	--

NO 200100136	A			C12Q-000/00	
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EP 1097241	A1	E		C12Q-001/34	Based on patent WO 200003036
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI

JP 2002520029	W		86	C12Q-001/34	Based on patent WO 200003036
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AU 758485	B			C12Q-001/34	Previous Publ. patent AU 9948697 Based on patent WO 200003036
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Abstract (Basic):

Technology Focus:

... natural enzyme. (II), which may be radiolabeled, in vitro or metabolically, is an extracellular matrix (**ECM**), or part of it, particularly associated molecules such as heparan sulfate proteoglycans (HSPG), soluble HSPG derived from **ECM** , or HS, heparin, heparin-Sepharose or their derivatives. (II) may be immobilized...

...In quantitative assays, reducing groups associated with degradation products are determined (i.e. each cleavage **event** is detected), **particularly** by a tetrazolium blue assay or a reducing sugar assay, and the assay is linear...

22/3,K/4 (Item 3 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
 (c) 2004 Thomson Derwent. All rts. reserv.

009037182

WPI Acc No: 1992-164540/199220

XRPX Acc No: N92-123426

Dual use of CONFIG.SYS device driver installation line - saving minimal set-up required program parameters in driver installation line of CONFIG.SYS file used to start device driver

Patent Assignee: ANONYMOUS (ANON)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
RD 336014	A	19920410				199220 B

Priority Applications (No Type Date): RD 92336014 A 19920320

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
RD 336014	A	1	G06F	

...Abstract (Basic): Upon finding a page that is not usable by the **EMM** device driver, the setup program will make an entry on the device driver installation line...

...memory page becomes available, the setup program will remove the unusable page entry from the **EMM** device driver installation line in the CONFIG.SYS file. This memory page may now be **selected** by the setup **program** for use by the **EMM** device driver...

...ADVANTAGE - Information needed for any future **EMM** setup is kept in a place where it is readily available and will not be...

24/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

016157939 **Image available**

WPI Acc No: 2004-315826/200429

XRPX Acc No: N04-251643

**Advertising control method involves receiving advertisement
identification message at mobile device and sending to content display
unit of personal video recorder**

Patent Assignee: NDS LTD (NDSN-N)

Inventor: ATLOW S; DEUTSCH J; HIBSHOOSH E; RICHARDSON D; TSURIA Y; WALD S

Number of Countries: 106 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200427538	A2	20040401	WO 2003IL737	A	20030907	200429 B
AU 2003259538	A1	20040408	AU 2003259538	A	20030907	200462

Priority Applications (No Type Date): US 2003441943 P 20030123; US
2002411653 P 20020918

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
-----------	------	--------	----------	--------------

WO 200427538	A2	E 68	G06F-000/00	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL
IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI
NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG
US UZ VC VN YU ZA ZM ZW

Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB
GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR TZ
UG ZM ZW

AU 2003259538	A1		G06F-000/00	Based on patent WO 200427538
---------------	----	--	-------------	------------------------------

Abstract (Basic):

... in the CDU of personal video recorder. The content such as
music, interactive game or video is selected from the AIM stored in
the CDU and displayed on the CDU.

... 2) object comprising entitlement store and communication unit;
mobile device...

24/3,K/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

015715853 **Image available**

WPI Acc No: 2003-778053/200373

Related WPI Acc No: 2000-672590; 2003-331360; 2003-429690; 2003-492021;
2003-556633; 2003-598999; 2003-618801; 2003-636908; 2003-709140;
2003-744465; 2003-801037; 2003-801549; 2003-801728; 2003-854288;
2003-875004; 2004-031547; 2004-281382; 2004-281385; 2004-303692;
2004-303895; 2004-303896; 2004-339901; 2004-697671

XRPX Acc No: N03-623529

**Digital video content encryption method involves selecting packets of
specified type, based on selection criterion and selected packets are
encrypted using encryption keys to generate encrypted packets**

Patent Assignee: SONY ELECTRONICS INC (SONY); CANDELORE B L (CAND-I)

Inventor: CANDELORE B L

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030159140	A1	20030821	US 200237498	A	20020102	200373 B
			US 200237499	A	20020102	
			US 200237914	A	20020102	
			US 200238032	A	20020102	
			US 200238217	A	20020102	
			US 2002409675	P	20020909	
			US 2002319169	A	20021213	
CA 2437018	A1	20040309	CA 2437018	A	20030812	200429

Priority Applications (No Type Date): US 2002409675 P 20020909; US 200237498 A 20020102; US 200237499 A 20020102; US 200237914 A 20020102; US 200238032 A 20020102; US 200238217 A 20020102; US 2002319169 A 20021213

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20030159140	A1	14	H04N-007/167	CIP of application US 200237498 CIP of application US 200237499 CIP of application US 200237914 CIP of application US 200238032 CIP of application US 200238217 Provisional application US 2002409675
CA 2437018	A1 E		H04N-007/167	

Abstract (Basic):

... Several packets containing digital **video** content are received and certain packets of **specific** type are selected according to a selection criterion. The selected packets are encrypted using a...
... The use of multiple selective encryption using multiple **entitlement** keys, enables extending the life of program content with a limited playback life. The program...

24/3,K/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

013717468 **Image available**
WPI Acc No: 2001-201692/200120
XRPX Acc No: N01-143792

Electronic transaction implementing method involves indicating whether bid input to offer program is acceptable, based on which one user binds another user to provide transfer authorized by digital certificate

Patent Assignee: LUCENT TECHNOLOGIES INC (LUCE); RSA SECURITY INC (RSAS-N)

Inventor: JAKOBSSON B M; JUELS A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6157920	A	20001205	US 9766143	A	19971119	200120 B
			US 98134012	A	19980814	

Priority Applications (No Type Date): US 9766143 P 19971119; US 98134012 A 19980814

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6157920	A	14	G06F-017/60	Provisional application US 9766143

Abstract (Basic):

... user is generated. The piece of digital cash includes a digital certificate and an offer **program**. The offer **program** specifies a

particular transfer to be made by the first user and authorized by the digital certificate, for...

...trade can be initiated immediately without contacting the originator directly, communication bottlenecks are avoided. Since **entitlement** authentication, fairness, perfect matchmaking and integrity are provided, X-cash is compact and permit offers...

24/3,K/4 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

012362768 **Image available**
WPI Acc No: 1999-168875/199915
XRPX Acc No: N99-123165

Restricting access to transmitted programming using program identifiers

Patent Assignee: LUCENT TECHNOLOGIES INC (LUCE)

Inventor: WOOL A

Number of Countries: 030 Number of Patents: 008

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 899956	A2	19990303	EP 98306200	A	19980804	199915 B
CN 1209017	A	19990224	CN 98118377	A	19980814	199927
CA 2244013	A	19990215	CA 2244013	A	19980728	199931
JP 11155138	A	19990608	JP 98226640	A	19980811	199933
KR 99023603	A	19990325	KR 9833036	A	19980814	200024
CA 2244013	C	20020108	CA 2244013	A	19980728	200206
US 6373948	B1	20020416	US 97912186	A	19970815	200232
KR 317395	B	20020116	KR 9833036	A	19980814	200254

Priority Applications (No Type Date): US 97912186 A 19970815

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 899956 A2 E 21 H04N-007/167

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT

LI LT LU LV MC MK NL PT RO SE SI

CN 1209017 A H04N-007/16

CA 2244013 A H04L-009/14

JP 11155138 A 17 H04N-007/16

KR 99023603 A H04N-007/167

CA 2244013 C E H04L-009/14

US 6373948 B1 H04N-007/167

KR 317395 B H04N-007/167 Previous Publ. patent KR 99023603

Abstract (Basic):

... A head-end server preferably executes an **entitlement** information distribution process (800) and the topic(s) of **programs** containing **programs selected** by a customer are identified in step (810), the prefix mask is determined and the...

...of basis vectors is calculated, converted into the corresponding basis matrix in step (850) and **entitlement** information is generated and downloaded to the set-top terminal in step (870).

... The drawing is a flow chart describing an exemplary **entitlement** information distribution process operation implemented by head-end server...

... **Entitlement** information distribution process (800...

... Selected program identification step (810

26/3,K/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

08073955 **Image available**
CONTENTS PROVIDING SYSTEM, CONTENTS RECEIVER, VIEWING LISTENING CONTROL
PROGRAM AND STORAGE MEDIUM FOR VIEWING LISTENING CONTROL

PUB. NO.: 2004-186714 [JP 2004186714 A]
PUBLISHED: July 02, 2004 (20040702)
INVENTOR(s): IWASE MUNEHICO
APPLICANT(s): PIONEER ELECTRONIC CORP
APPL. NO.: 2002-347469 [JP 2002347469]
FILED: November 29, 2002 (20021129)

ABSTRACT

...like in a receiver.

SOLUTION: A viewing / listening control card incorporates a count function of **ECM** packets to apply absolute control to a viewing / listening term of validity of a pay **program**, and transmits the **number** of **ECM** packets (number of valid viewing / listening packets) corresponding to legitimate viewing / listening, which is included in an **EMM** or the like, to a reception contractor. In a reception contractor's house, first the number of valid viewing / listening packets transmitted while being included in the **EMM** are set to the viewing / listening control card inserted to the receiver. Then the viewing / listening control card counts the number of received **ECM** packets included in program data of the pay program during viewing / listening of the pay program and deactivates a decoding key generating function after the received number of **ECM** packets exceed the number of valid viewing / listening packets.

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26/3,K/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

06817712
FACSIMILE TERMINAL

PUB. NO.: 2001-045205 [JP 2001045205 A]
PUBLISHED: February 16, 2001 (20010216)
INVENTOR(s): NAGIRA JIRO
SONE MASAKI
APPLICANT(s): KYOCERA MITA CORP
APPL. NO.: 11-214742 [JP 99214742]
FILED: July 29, 1999 (19990729)

ABSTRACT

PROBLEM TO BE SOLVED: To relieve a load of a center station by counting the **number** of times of occurrences of **events** on a transmission control procedure caused on communication and allowing a facsimile terminal to send ...

... an event that requires transmission of a transmission control procedure on the occurrence of the **event** and designates **number** of times of the occurrence of events that requires transmission of the transmission control

procedure...

... communication, if it takes place, such as a fall-down and re-transmission of an **ECM** (error correction mode) takes place after the occurrence of a plurality of number of times...

26/3,K/3 (Item 3 from file: 347)

DIALOG(R)File 347:JAPIO

(c) 2004 JPO & JAPIO. All rts. reserv.

05978913 **Image available**

DATA-TRANSMITTING AND RECEIVING DEVICES, AND DATA TRANSMISSION AND RECEPTION SYSTEM

PUB. NO.: 10-262013 [JP 10262013 A]

PUBLISHED: September 29, 1998 (19980929)

INVENTOR(s): SATO MASAHICO

APPLICANT(s): SONY CORP [000218] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 09-066538 [JP 9766538]

FILED: March 19, 1997 (19970319)

ABSTRACT

...SOLUTION: A packet of images and voices of the scrambled information and the common information (**ECM**) attached to the programs are recorded on a recording medium 20 among plural received program data. The corresponding relation between the **program numbers** and the recording positions is recorded on a management table 21. After this recording, the...

... data are sent to a receiver from an uplink station, together with an individual information (**EMM**) of the viewer who recorded the programs. At the time the desired programs are selectively...

... 20, an equipment control part 10 generates a scramble key by using the received latest **EMM** and the reproduced **ECM** . Then a separation part 6 selects the data on the reproduced programs.

26/3,K/4 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

009121417 **Image available**

WPI Acc No: 1992-248854/199230

XRFX Acc No: N92-190071

Superconductive polarisation control network for solid state array transmitter - includes thin film superconducting phase shifter, hybrid and transmission lines enclosed in cryogenic package

Patent Assignee: US SEC OF AIR FORCE (USAF)

Inventor: RYAN P A; WHITE A W

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 1079	H	19920707	US 91660311	A	19910225	199230 B

Priority Applications (No Type Date): US 91660311 A 19910225

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 1079	H		6 H01Q-021/06	

...Abstract (Basic): Polarisation Control Networks (PCNs) are used in active solid-state array transmitters. Polarisation **ECM** requires precise polarisation control of the transmitted signal. By implementing the polarisation control networks in...

...Each polarisation control network unit includes a **number** of thin **film** superconducting phase shifters, hybrids and transmission lines enclosed in a cryogenic package. If more power...

26/3,K/5 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

008114956 **Image available**

WPI Acc No: 1990-001957/199001

XRPX Acc No: N90-001373

Scrambling and descrambling process for pay-television signals - having line permutation at transmitter represented by codeword which is sent to receiver i unused lines

Patent Assignee: LAB EURO RECH ELTRN AVANCEES (CSFC); LAB EURO RECH ELTRN (CSFC); LAB EURO RECH ELTRN (EURE-N)

Inventor: DANIEL P; GUILLON J; RENARD F; GUILLON J C

Number of Countries: 016 Number of Patents: 008

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
FR 2631193	A	19891110	FR 886121	A	19880506	199001 B
EP 426923	A	19910515	EP 89403070	A	19891108	199120 N
WO 9107849	A	19910530				199124 N
BR 8907873	A	19920128				199209 N
US 5224161	A	19930629	WO 89FR579	A	19891108	199327
			US 91720517	A	19910708	
EP 426923	B1	19970122	EP 89403070	A	19891108	199709 N
DE 68927708	E	19970306	DE 627708	A	19891108	199715 N
			EP 89403070	A	19891108	
KR 160456	B1	19990115	KR 91700689	A	19910703	200036 N

Priority Applications (No Type Date): FR 886121 A 19880506; EP 89403070 A 19891108; DE 627708 A 19891108; KR 91700689 A 19910703

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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FR 2631193	A	14		
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EP 426923	A			
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Designated States (Regional): AT BE CH DE ES FR GB GR IT LI LU NL SE

WO 9107849	A			
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Designated States (National): BR KR US

US 5224161	A	6	H04N-007/167	Based on patent WO 9107849
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EP 426923	B1 F	11	H04N-007/167	
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Designated States (Regional): AT BE CH DE ES FR GB GR IT LI LU NL SE

DE 68927708	E		H04N-007/167	Based on patent EP 426923
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KR 160456	B1		H04N-007/167	
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...Abstract (Basic): which, reconverted to analogue (7), is transmitted (8) together with a codeword representing current access (**ECM**) and authorised (**EMM**) data for a specific user...

...Abstract (Equivalent): in the unused lines of at least some of the transmitted pictures, these data being **entitlement messages** (**EMM**) specific to each user, and access messages (**ECM**) common to all the users, the said method being characterized in that the chrominance

burst...

...Abstract (Equivalent): of the transmitters having, a digital scrambling circuit for selectively encrypting frames of the composite **video** signal. A pseudo-random **number** generator circuit is coupled to the digital scrambling circuit. A control unit is coupled to the pseudo-random number generator circuit. A device produces encrypted **entitlement messages (EMM)** specific to an individual receiver and produces access messages (**ECM**) common to all receivers. A device for inserting the **EMM** and **ECM** messages into the transmitted encrypted composite video signal...

35/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

014358576 **Image available**

WPI Acc No: 2002-179277/200223

XRPX Acc No: N02-136382

Conditional access system for satellite or cable TV content allowing more flexible access to content

Patent Assignee: KONINK PHILIPS ELECTRONICS NV (PHIG); GOUDSMITS M P F M (GOUD-I); KAMPERMAN F A J (KAMP-I); VAN RIJNSOEVER B J (VRIJ-I)

Inventor: GOUDSMITS M P F M; KAMPERMAN F L A ; VAN RIJNSOEVER B J ;

GOUDSMITS M P F M ; KAMPERMAN F A J ; KAMPERMAN F L A J

Number of Countries: 029 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200147266	A2	20010628	WO 2000EP12383	A	20001208	200223 B
US 20010012366	A1	20010809	US 2000741921	A	20001220	200223
EP 1188315	A2	20020320	EP 2000990676	A	20001208	200227
			WO 2000EP12383	A	20001208	
KR 2001102320	A	20011115	KR 2001710675	A	20010822	200231
JP 2003518841	W	20030610	WO 2000EP12383	A	20001208	200339
			JP 2001547868	A	20001208	
US 6633644	B2	20031014	US 2000741921	A	20001220	200368

Priority Applications (No Type Date): EP 99204470 A 19991222

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200147266 A2 E 8 H04N-007/16

Designated States (National): JP KR

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU

MC NL PT SE TR

US 20010012366 A1 H04N-007/167

EP 1188315 A2 E H04N-007/16 Based on patent WO 200147266

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT

LI LT LU LV MC MK NL PT RO SE SI TR

KR 2001102320 A H04N-007/167

JP 2003518841 W 14 H04N-007/173 Based on patent WO 200147266

US 6633644 B2 H04N-007/167

Conditional access system for satellite or cable TV content allowing more flexible access to content

...Inventor: KAMPERMAN F L A ...

... VAN RIJNSOEVER B J ...

... GOUDSMITS M P F M ...

... KAMPERMAN F A J ...

... KAMPERMAN F L A J

Abstract (Basic):

... The uplink system e.g. broadcast TV system has a scene identification generator connected to an entitlement control message generator for incorporating the scene identifications in the entitlement control messages .

... To control the access to e.g. satellite or cable TV content

...

...Title Terms: CABLE ;

35/3,K/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

011294494 **Image available**
WPI Acc No: 1997-272399/199724
XRPX Acc No: N97-225698

Conditional access system which converts scrambled information - converts scrambled data into descrambled data based on control words, and manages supply of words to descrambler and supplies control word regeneration data, not equal to stored control words, with recording of scrambled data
Patent Assignee: KONINK PHILIPS ELECTRONICS NV (PHIG); PHILIPS ELECTRONICS NV (PHIG); PHILIPS NORDEN AB (PHIG); US PHILIPS CORP (PHIG)

Inventor: KAMPERMAN F L A J ; KAMPERMAN F L
Number of Countries: 020 Number of Patents: 008
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9716924	A1	19970509	WO 96IB1137	A	19961023	199724 B
EP 800745	A1	19971015	EP 96933569	A	19961023	199746
			WO 96IB1137	A	19961023	
JP 10512428	W	19981124	WO 96IB1137	A	19961023	199906
			JP 97517183	A	19961023	
KR 98701184	A	19980430	WO 96IB1137	A	19961023	199914
			KR 97704431	A	19970627	
US 5991400	A	19991123	US 96741155	A	19961029	200002
EP 800745	B1	20030917	EP 96933569	A	19961023	200369
			WO 96IB1137	A	19961023	
DE 6920630012	E	20031023	DE 96630012	A	19961023	200377
			EP 96933569	A	19961023	
			WO 96IB1137	A	19961023	
ES 2206594	T3	20040516	EP 96933569	A	19961023	200434

Priority Applications (No Type Date): EP 95202980 A 19951031

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9716924	A1	E	22	H04N-007/167	
				Designated States (National): JP KR	
				Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE	
EP 800745	A1	E		H04N-007/167	Based on patent WO 9716924
				Designated States (Regional): DE ES FR GB IT	
JP 10512428	W		25	H04N-007/16	Based on patent WO 9716924
KR 98701184	A			H04N-007/167	Based on patent WO 9716924
US 5991400	A			H04L-009/00	
EP 800745	B1	E		H04N-007/167	Based on patent WO 9716924
				Designated States (Regional): DE ES FR GB IT	
DE 6920630012	E			H04N-007/167	Based on patent EP 800745
					Based on patent WO 9716924
ES 2206594	T3			H04N-007/167	Based on patent EP 800745

Inventor: KAMPERMAN F L A J ...

... KAMPERMAN F L

...Abstract (Basic): of the control words to the descrambler. The system supplies control word regeneration data (KRD, ECM) which are unequal to the control words, to a storage medium (VTR), in association with...

...channels or programmes only accessible to those viewers who pay for

these services, i.e. **pay - per - view** . Enables system operator to determine number of times recorded information may be accessed, period during...

36/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

016541201 **Image available**

WPI Acc No: 2004-699923/200468

XRPX Acc No: N04-554997

Method of associating data with users for digital rights management, involves concealing user identity, such that it is possible to check for association of user identifying information and data, for given user identity

Patent Assignee: KONINK PHILIPS ELECTRONICS NV (PHIG)

Inventor: CONRADO C V; **KAMPERMAN F L A J** ; SCHRIJEN G J

Number of Countries: 108 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200484050	A1	20040930	WO 2004IB50277	A	20040318	200468 B

Priority Applications (No Type Date): EP 2003100737 A 20030321

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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WO 200484050	A1	E	33	G06F-001/00
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ
CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID
IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ
NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW

Designated States (Regional): AT BE BG BW CH CY CZ DE DK EA EE ES FI FR
GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PL PT RO SD SE SI SK SL SZ
TR TZ UG ZM ZW

...Inventor: **KAMPERMAN F L A J**

Abstract (Basic):

... Provides privacy for authorized users while allowing proper and
secure check of the user's **entitlements** to authorization...

36/3,K/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

015952020 **Image available**

WPI Acc No: 2004-109861/200411

XRPX Acc No: N04-087452

Data stream decoding apparatus used for communication purposes, has secure device which transmits control words to decoder for data decryption

Patent Assignee: KONINK PHILIPS ELECTRONICS NV (PHIG)

Inventor: **KAMPERMAN F L A J** ; **VAN RIJNSOEVER B J**

Number of Countries: 104 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200408765	A1	20040122	WO 2003IB2839	A	20030620	200411 B
AU 2003242929	A1	20040202	AU 2003242929	A	20030620	200450

Priority Applications (No Type Date): EP 200277837 A 20020711

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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WO 200408765	A1	E	18	H04N-007/167
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO
NZ OM PG PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ
VC VN YU ZA ZM ZW

Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB
GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR TZ
UG ZM ZW

AU 2003242929 A1 H04N-007/167 Based on patent WO 200408765

Inventor: KAMPERMAN F L A J ...

... VAN RIJNSOEVER B J

Abstract (Basic):

... A secure device (18) with memory space, stores authorization
keys along with **entitlement** information. An execution unit in the
secure device, transmits control words to a decoder (14...
... provides backward compatibility, and thereby increases security
against tampering by preventing later replay of different **entitlement**
information...

36/3,K/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015525075 **Image available**

WPI Acc No: 2003-587225/200355

XRPX Acc No: N03-467618

**Distribution of encrypted information e.g. for distributing encrypted
information, involves distributing stream having units of information
successively, each linked to respective time-stamp**

Patent Assignee: KONINK PHILIPS ELECTRONICS NV (PHIG)

Inventor: RIJCKAERT A M A; VAN RIJNSOEVER B J

Number of Countries: 103 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200358956	A1	20030717	WO 2002IB5272	A	20021209	200355 B
AU 2002353296	A1	20030724	AU 2002353296	A	20021209	200421
EP 1472865	A1	20041103	EP 2002788317	A	20021209	200472
			WO 2002IB5272	A	20021209	

Priority Applications (No Type Date): EP 200275144 A 20020114

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200358956 A1 E 17 H04N-005/913

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW

Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB
GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SI SK SL SZ TR TZ UG ZM
ZW

AU 2002353296 A1 H04N-005/913 Based on patent WO 200358956

EP 1472865 A1 E H04N-005/913 Based on patent WO 200358956

Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

...Inventor: **VAN RIJNSOEVER B J**

Abstract (Basic):

... stream having the units of information successively, each linked to a respective time-stamp. An **entitlement** management **message** is sent to the secure device, the **entitlement** **message** includes a specification of a range of time-stamp values and entitling the secure device...

...a starting point prior to a time value of the time stamps distributed concurrent the **entitlement** **message** .

... The figure shows an **entitlement** time range...

36/3,K/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011582841 **Image available**

WPI Acc No: 1997-559322/199751

XRPX Acc No: N97-466144

Security device for managing access to data - has pointer with element identifying data stream, of which additional data forms part, with pointer having label identifying information delivery system and label identifying original information delivery system

Patent Assignee: PHILIPS ELECTRONICS NV (PHIG); PHILIPS NORDEN AB (PHIG); KONINK PHILIPS ELECTRONICS NV (PHIG); US PHILIPS CORP (PHIG)

Inventor: BOSVELD F; **KAMPERMAN F L A J**

Number of Countries: 021 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9742762	A2	19971113	WO 97IB459	A	19970430	199751 B
WO 9742762	A3	19971211				199816
EP 856226	A2	19980805	EP 97917368	A	19970430	199835
			WO 97IB459	A	19970430	
JP 11510021	W	19990831	JP 97539682	A	19970430	199946
			WO 97IB459	A	19970430	
KR 99028744	A	19990415	WO 97IB459	A	19970430	200027
			KR 98700042	A	19980106	
US 20010005901	A1	20010628	US 97851304	A	19970505	200138
CN 1190516	A	19980812	CN 97190486	A	19970430	200273

Priority Applications (No Type Date): EP 96201239 A 19960506

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9742762 A2 E 12 H04N-007/16

Designated States (National): CN JP KR

Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

EP 856226 A2 E

Based on patent WO 9742762

Designated States (Regional): DE ES FR GB IT SE

JP 11510021 W 16 H04H-001/02 Based on patent WO 9742762

KR 99028744 A H04N-007/16 Based on patent WO 9742762

US 20010005901 A1 H04N-005/445

CN 1190516 A H04N-007/16

...Inventor: **KAMPERMAN F L A J**

...Abstract (Basic): allows or disallows descrambling depending on whether or not information contains data objects which represent **entitlement**